A330
TECHNICAL TRAINING MANUAL
MECHANICAL & AVIONICS COURSE - T1+T2 (LVL 2&3)
(RR Trent 700)
EQUIPMENT/FURNISHINGS

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G9409341 - GAUT0T0

EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

SYSTEM OVERVIEW

The equipment and furnishings chapter covers:
- the cockpit,
- the passenger compartment,
- the crew rest compartment,
- the emergency equipment,
- the cargo compartments,
- the miscellaneous compartments.

When you work on aircraft, you must obey all the safety procedures listed in the Aircraft Maintenance Manual (AMM).

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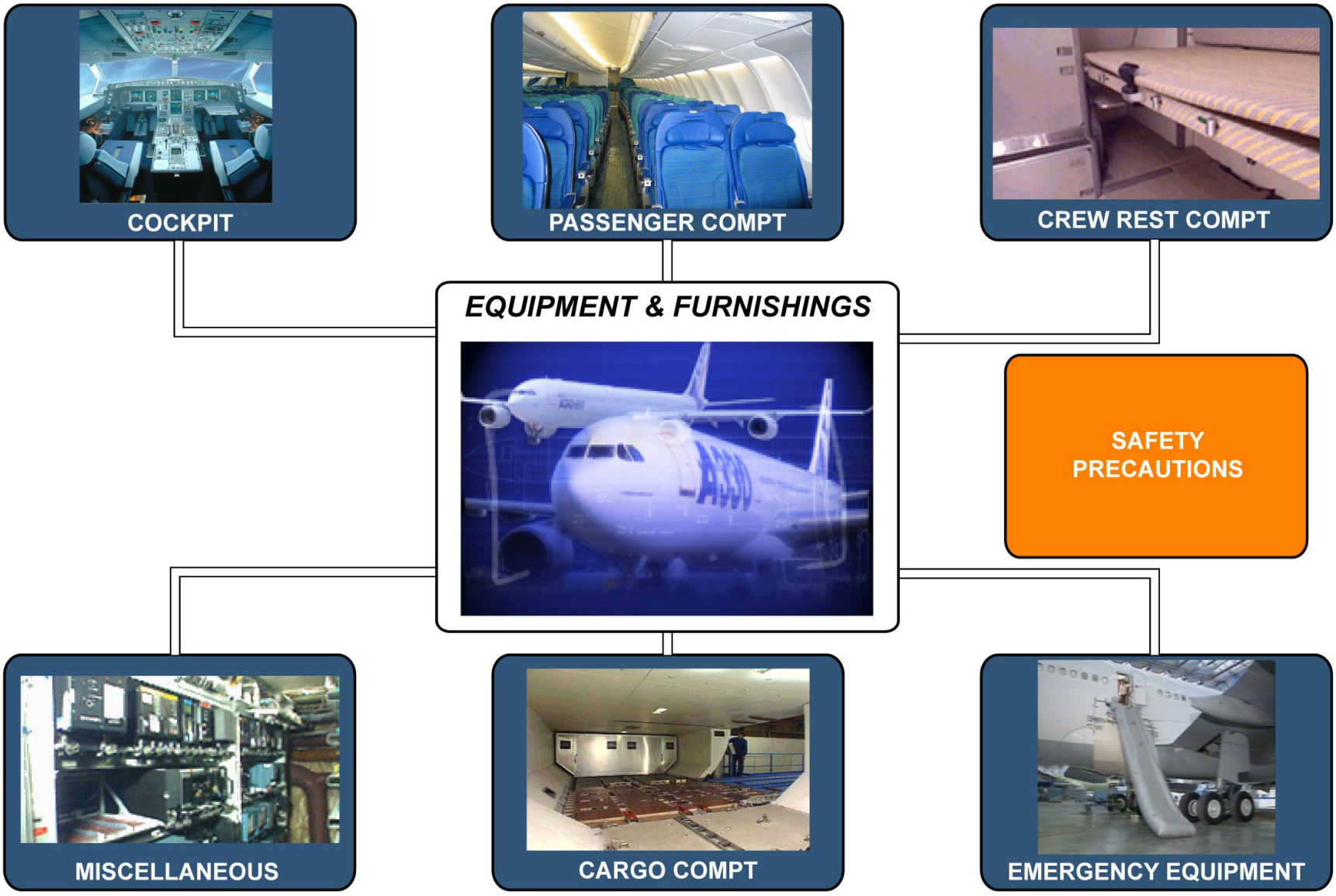

SYSTEM OVERVIEW

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

SYSTEM OVERVIEW (continued)

CABIN PANEL LAYOUT

The cabin interior has removable panels. The lining design allows cabin customization. The lower sidewall (Dado) panels are mounted between the cabin floor and the sidewall panels. They have rapid decompression panels, which operate during decompression either in the cabin or in the cargo compartment. The sidewall panels are mounted on the side of the cabin. They include the window contour. Inner window panels and sun visors are installed on to the window frame. The closing cover panels cover the space between the ceiling panels and the cover light panels.

The cover light panels cover the space between the sidewall panels and the overhead stowage compartments. The overhead bins or cover plates are removable. Removable ceiling panels are mounted in the cabin. They are installed over the full length of the cabin and the utility areas. The cover plates are installed where there is no overhead stowage compartment installed along the top.

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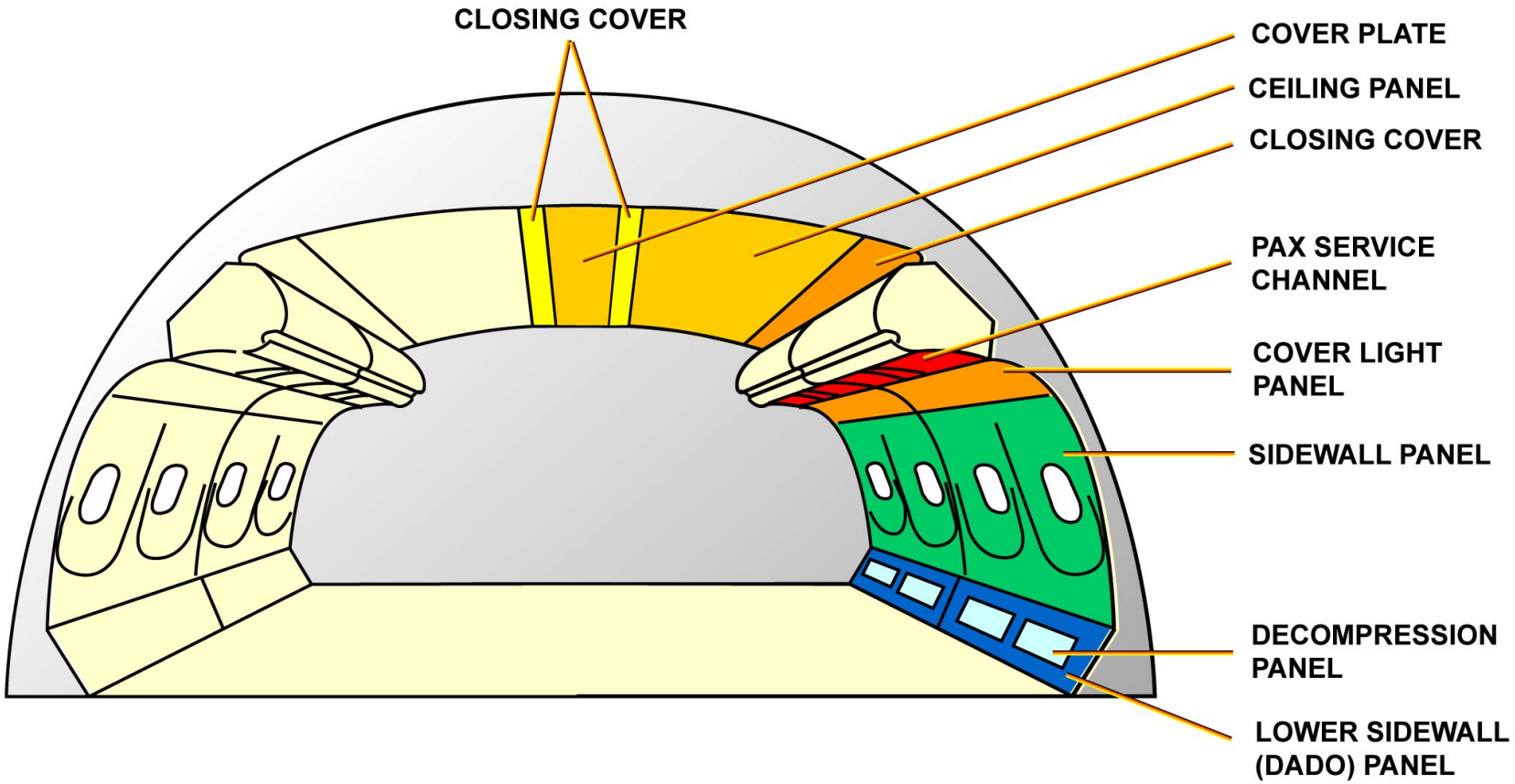

SYSTEM OVERVIEW - CABIN PANEL LAYOUT

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

SYSTEM OVERVIEW (continued)

CABIN ESCAPE FACILITIES

The type "A" passenger doors can have escape slides or slide rafts. The type "1" emergency exits have escape slides. They are used for quick evacuation in case of emergency. Deployment of the slide/rafts is automatic when the door is opened with the evacuation system in the armed mode.
If the automatic slide inflation system fails, the slide/raft can be manually inflated.

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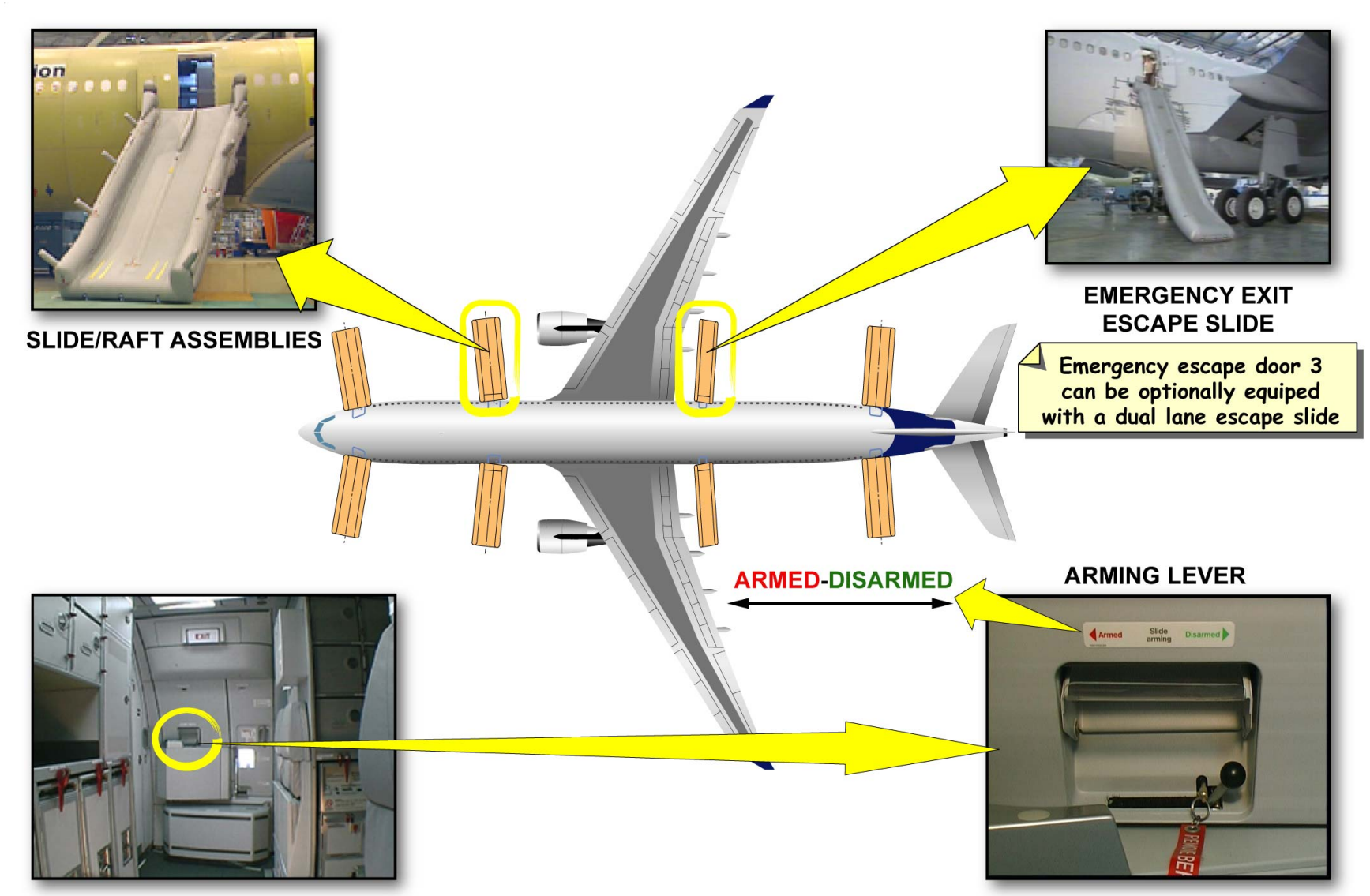
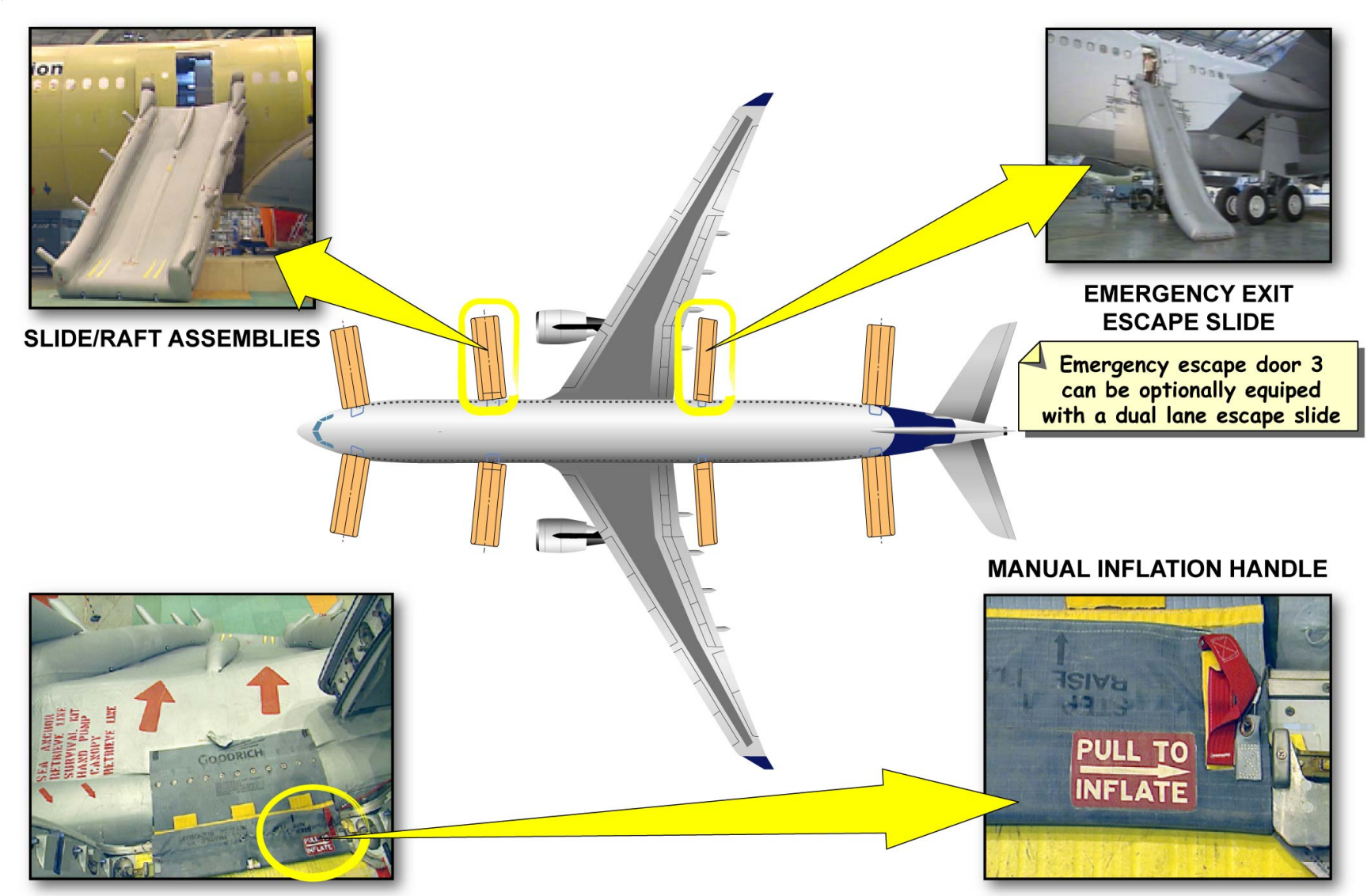


SYSTEM OVERVIEW - CABIN ESCAPE FACILITIES



SYSTEM OVERVIEW - CABIN ESCAPE FACILITIES

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

SYSTEM OVERVIEW (continued)

LOWER DECK CARGO COMPARTMENTS

The aircraft has three lower deck cargo compartments in the lower part of the fuselage. They are:
- the forward cargo compartment,
- the aft cargo compartment,
- the bulk cargo compartment.

The forward and aft cargo compartments have an independently operated semi-automatic Cargo Loading System (CLS) and can accommodate cargo in containers or on pallets. The bulk cargo compartment is designed for transportation of bulk cargo, passenger luggage and alive animals. Access to the forward, aft and bulk cargo compartments is gained through doors located on the right hand side of the fuselage. Two hydraulically operated outwards opening doors give access to the forward and aft cargo compartments. The bulk cargo has one manually operated door, which opens inwards.

The inside of the cargo compartments is composed of:
- floor panels,
- ceiling panels,
- side linings,
- partition walls.

All the linings and panels are sealed to give a fully sealed compartment. Rapid decompression panels, blow in, blow out panels are installed in the linings to prevent damage from differential pressure during climb and descent. In case of decompression in the cabin or in the cargo compartment, they equalize the pressure in both sections, to avoid damage to the structure.

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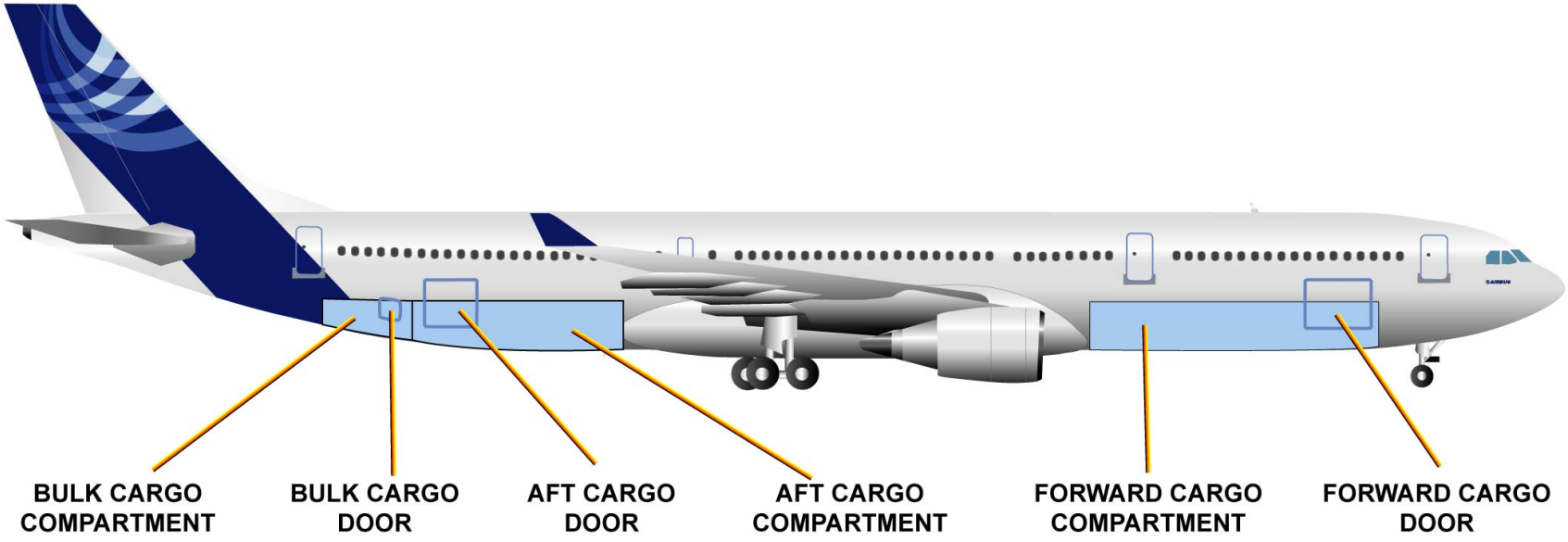
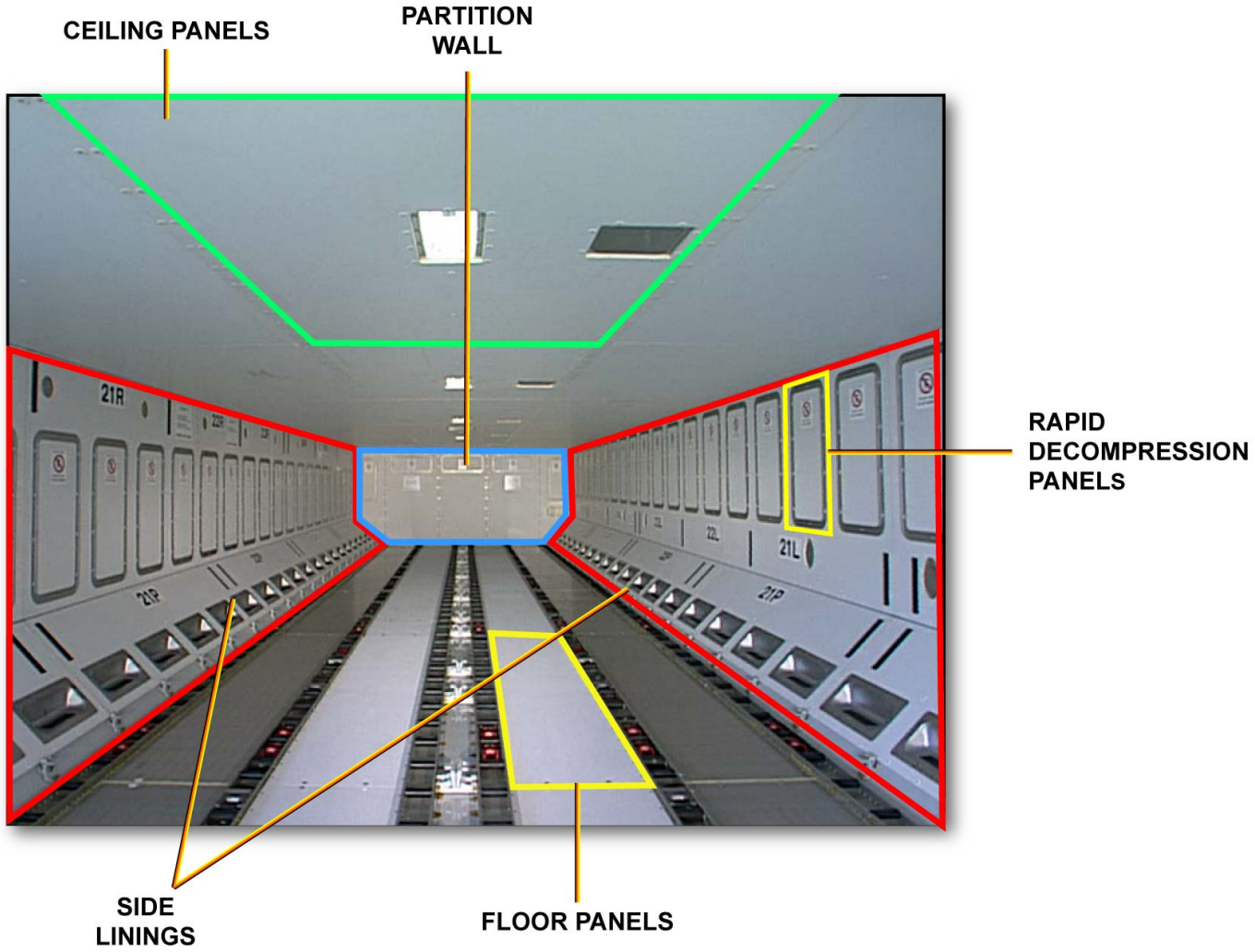


SYSTEM OVERVIEW - LOWER DECK CARGO COMPARTMENTS



SYSTEM OVERVIEW - LOWER DECK CARGO COMPARTMENTS

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

SYSTEM OVERVIEW (continued)

LOWER DECK CARGO LOADING SYSTEM (CLS)

The semi-automatic CLS of the forward and aft cargo compartments is used to load, unload and move the ULDs. These ULDs can be pallets or containers of different sizes. One person can operate the CLS. If there is no electrical power available, it is possible to manually load or unload. The semi-automatic cargo loading systems of the forward and the aft lower deck cargo compartments are similar in construction and work independently

The CLS includes:

- control panel installed adjacent to the cargo compartment door,
- control box,
- Power Drive Units (PDUs),
- proximity switches located on the different latches.

For the powered loading operation, the power switch must be in the ON position. The AC/DC power is available and the manual doorsill latch must be in the lowered position. The control panel sends electrical signals through the control box to the applicable PDUs. The PDUs move the ULDs in the necessary direction and to their loading positions. When a ULD is in the correct loading position, you must lock the latch manually.

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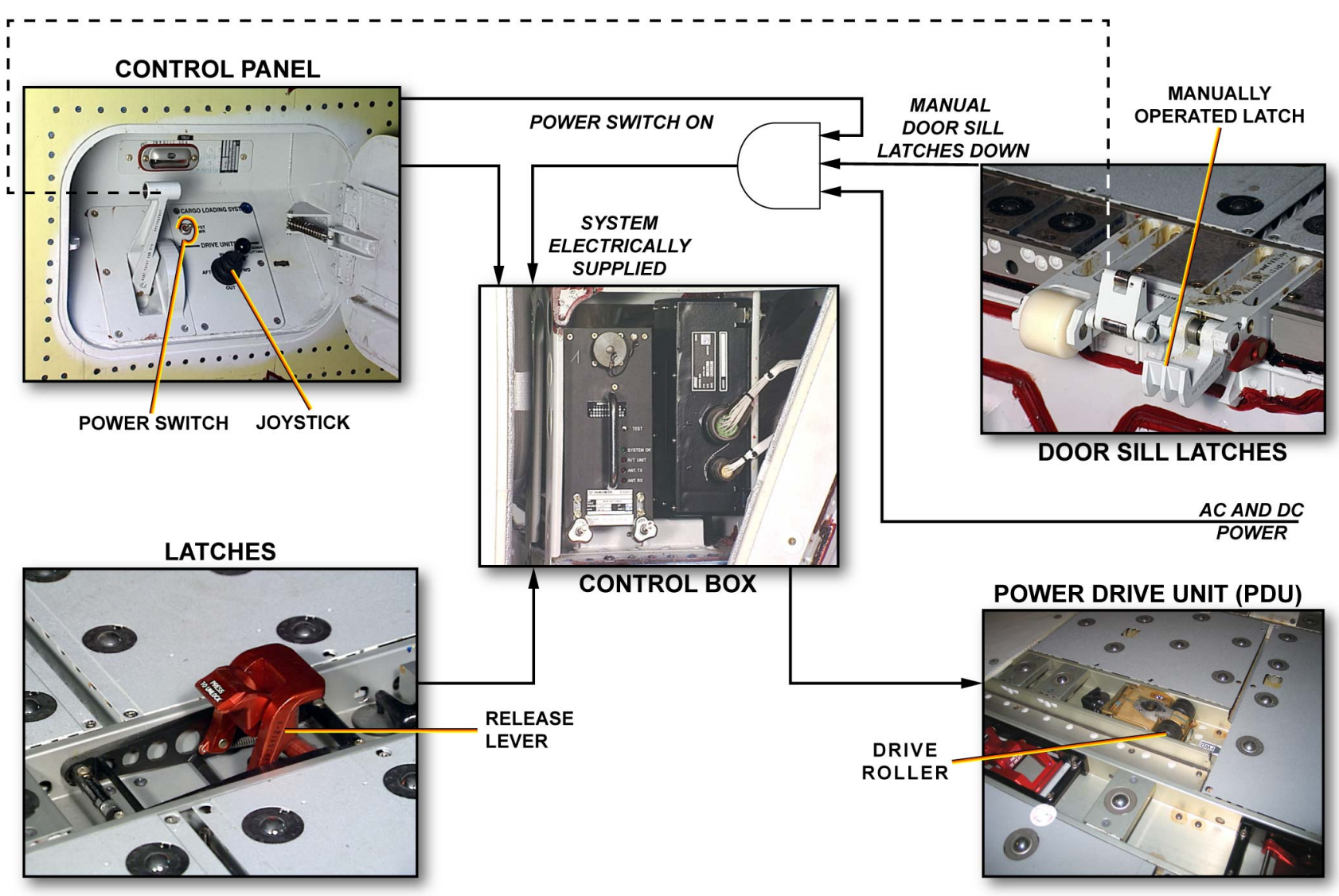

SYSTEM OVERVIEW - LOWER DECK CARGO LOADING SYSTEM (CLS)

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

MEL/DEACTIVATION

One or more escape slide/slide raft cabin passenger exit door may be inoperative if the related door is inoperative (cannot be used in case of emergency evacuation). One or more slide bottle pressure indication on the Forward/Flight Attendant Panel (FAP) may be inoperative if the related slide bottle pressure is checked before the first flight of each day.

NOTE: The number of inoperative doors on the aircraft changes according to the local regulations (limit the number of passengers).

One or more blow in/out panels in cargo compartments may be damaged or missing if related cargo compartment is empty or does not contain inflammable or combustible materials. One or more lining panels in cargo compartments may be damaged if related cargo compartment is empty or does not contain inflammable or combustible materials. One or more lining panels in cargo compartments may be missing if related cargo compartment is empty.

In case of malfunction or failure of the lower deck CLS, refer to the ramp dispatcher which will decide if loading restrictions must be applied in accordance with the Weight and Balance Manual (WBM).

NOTE: : SOME AIRLINES PUT THE WBM LIMITS AND RESTRICTIONS IN THE MEL CHAPTER 25

CAUTION: In the case of malfunction of any part of the cargo loading system, restrictions may be imposed on pallet/container gross weights or their position in the cargo hold.

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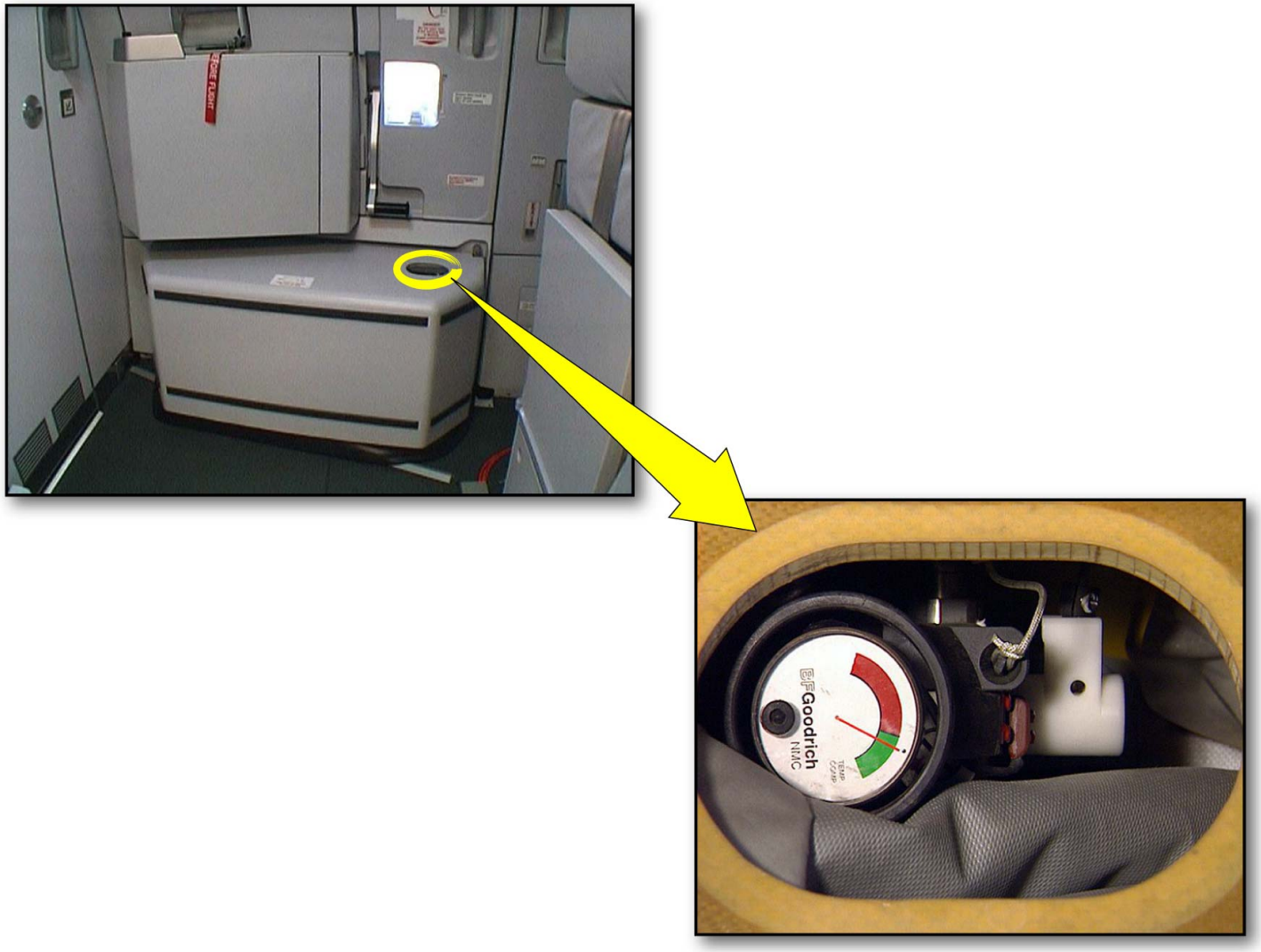


MEL/DEACTIVATION

MEL/DEACTIVATION

AIRBUS
A330-A340
WEIGHT AND BALANCE MANUAL

Cargo equipment malfunction limitations

CAUTION 1 : MAXIMUM LOADS FOR ULD POSITIONS REQUIRE THAT ALL LATCHES ARE INSTALLED AND USED AS INTENDED.

CAUTION 2 : WEIGHT REDUCED TO "0" IN THE FOLLOWING TABLES MEANS : THE CONCERNED ULD POSITION(S) MUST BE UNOCCUPIED. LOADING OF AN EMPTY ULD IS ALLOWED PROVIDED THERE ARE ENOUGH INTACT LATCHES REMAINING TO AVOID UNCONTROLLED MOVEMENT OF AN EMPTY ULD.

This paragraph covers malfunctions of cargo equipment which secures ULD's to the floor structure of the cargo compartment to prevent their movement during flight.

Malfunction of equipment whitch serves only for guidance, handling, etc. of ULD' are not covered.

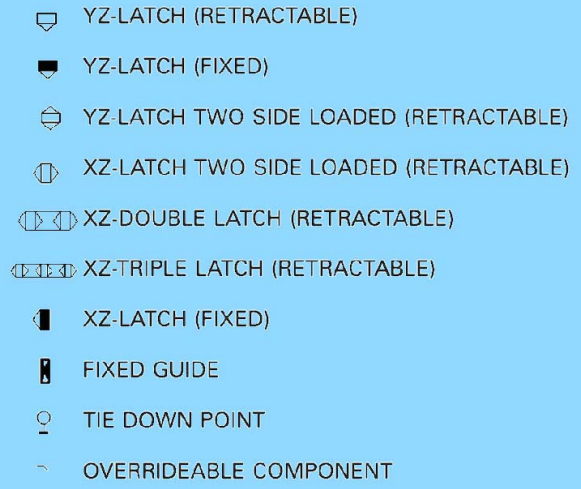
A malfunction of such equipment is defined as damaged/inoperative or failed/missing equipment.

In case of malfunctioning equipment onloading/offloading should be carried out carefully to prevent damage to operative equipment, ULD's and/or aircraft structure. Malfunctioning equipment should be replaced as soon as possible.

Failure of a latch may require weight reduction of the ULD's fwd and aft of the latch or LH and RH of the latch (if applicable).

The following tables gives the identification of latch types and the ULD load restrictions to be applied in case of missing or inoperative equipment.

(01) Key of latch types



MEL/DEACTIVATION

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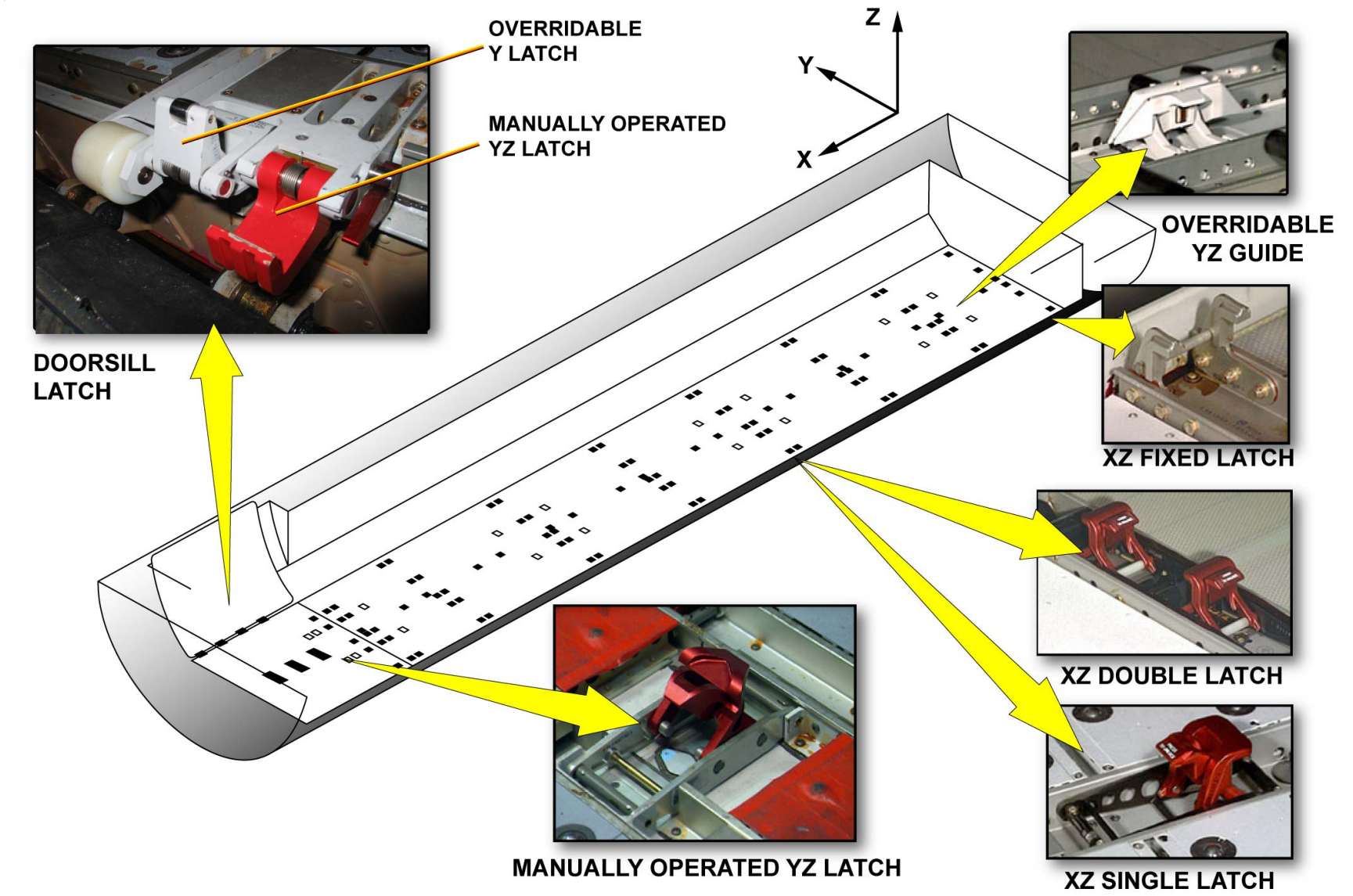

MEL/DEACTIVATION

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

MAINTENANCE TIPS

SAFETY THE DOOR CYLINDER PERCUSSION MECHANISM

A Type A door has been chosen as an example. Make sure that the emergency control handle is locked in the disarmed position and secured with the safety pin.
If maintenance has to be done at or near the door, the striker lever must be set to the maintenance position, to prevent operation of the door emergency cylinder. The door is now in maintenance configuration.

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SET THE SLIDE RELEASE MECHANISM TO DISARMED AND SECURE WITH SAFETY PIN

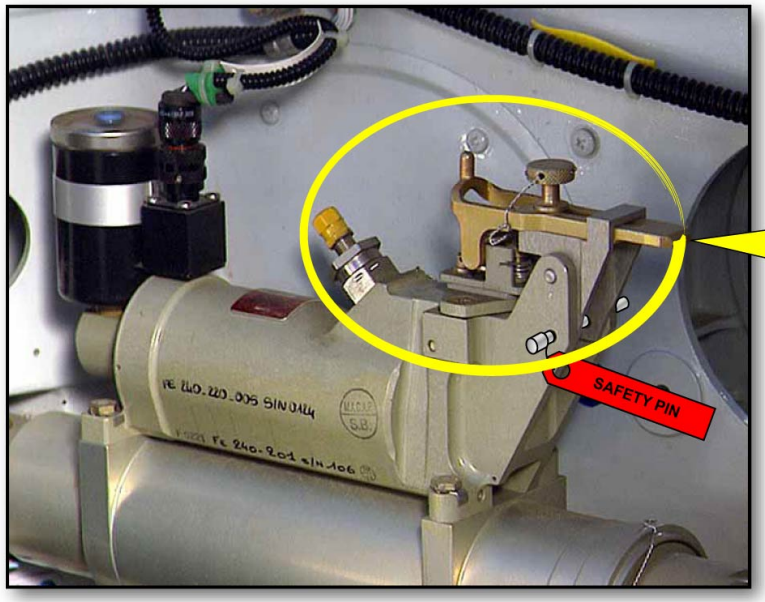
PASSENGER/CREW DOOR

HANDLE IN DISARMED POSITION

MAINTENANCE TIPS - SAFETY THE DOOR CYLINDER PERCUSSION MECHANISM

SAFETY THE PERCUSSION MECHANISM OF THE DOOR DAMPER AND EMERGENCY OPERATION CYLINDER:

- Open the related passenger/crew door,
- Install the safety pin,
- Remove and discard the lockwire from the knurled screw,
- Pull back the striker lever to disarm it,
- Tighten the knurled screw.



PASSENGER/CREW DOOR

STRIKER LEVER IN DISARMED POSITION
(MAINTENANCE)

MAINTENANCE TIPS - SAFETY THE DOOR CYLINDER PERCUSSION MECHANISM

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EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

MAINTENANCE TIPS (continued)

DISARM THE DOOR ESCAPE SLIDE RESERVOIR

The passenger/crew door escape slide reservoir is located behind a cover. To fulfill the maintenance tasks on the door, the attached slide/raft activating system must be disarmed. The door arming mechanism must be set to the disarmed position and secured with the safety pin. After removing the cover, secure the inflation reservoir using the safety pin from the stowage pocket located inside the cover. The pin-fitting procedure is slightly different for Type A and Type 1 doors. The door escape slide is now in maintenance configuration.

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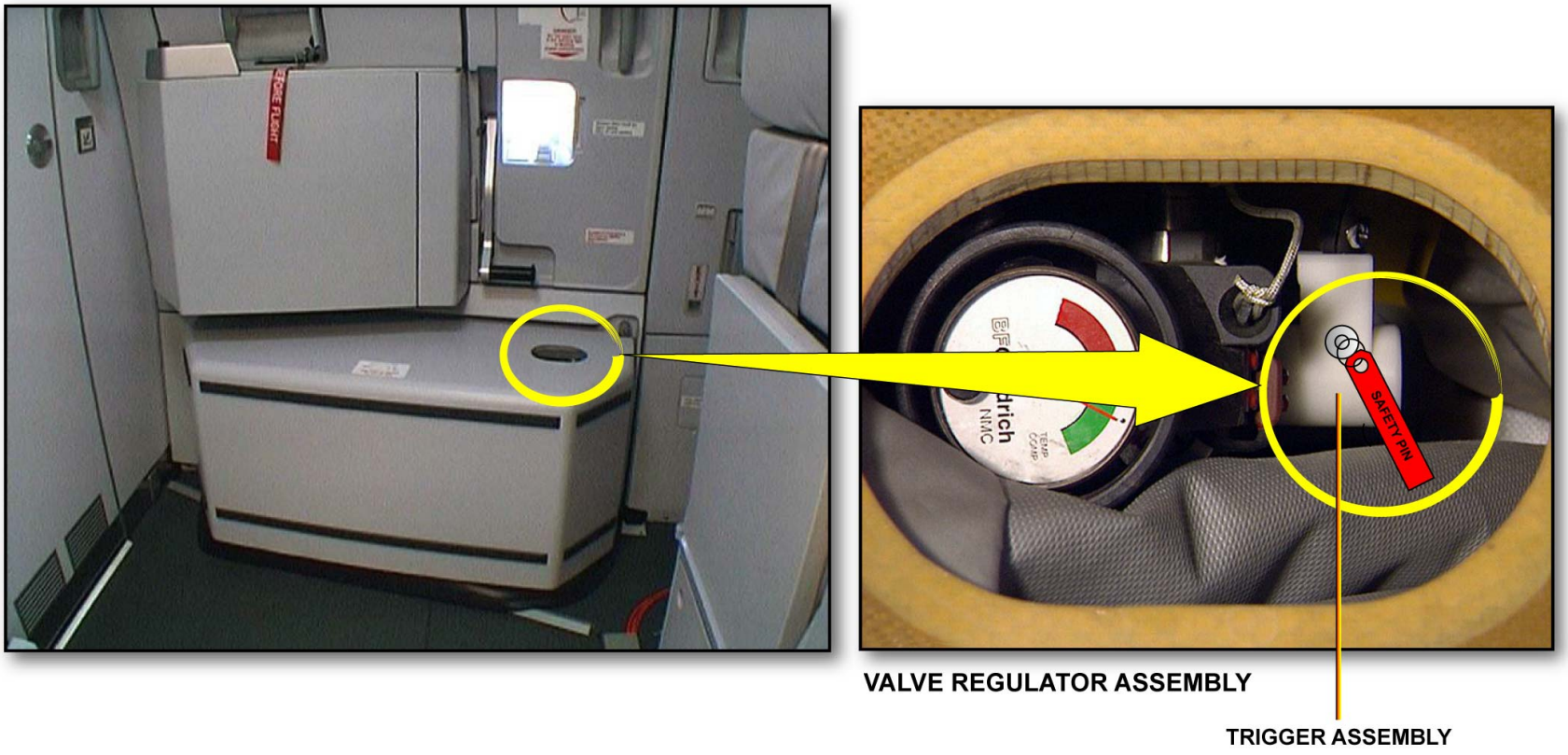
RESERVOIR PIN INSTALLATION PROCEDURE:

- **WARNING: You must not remove the firing lever when you install the transport safety pin. If you do so, you will start the inflation sequence,**
- **Carefully put the pin in the opening and turn it as you push it in the trigger assembly,**
- **Push the pin until the sleeve is against the trigger assembly.**



MAINTENANCE TIPS - DISARM THE DOOR ESCAPE SLIDE RESERVOIR

EQUIPMENT/FURNISHINGS LINE MAINT BRIEFING

'A' CHECK ITEMS

VISUAL INSPECTION TO CHECK THE INTEGRITY OF THE CARGO COMPARTMENT

Moreover, in relation with the Maintenance Planning Document (MPD), the visual inspection of cargo compartment decompression and lining panels must be done every 600 Flight Hours (FH).
Look carefully at each decompression panel for cracks and other damage.

NOTE: If a decompression panel is damaged, do a repair or replace the panel.

Make sure that each decompression panel has a seal installed: missing seals are not permitted, and make sure that seals are in the correct condition. Make sure that each decompression panel is in the correct position.
Look carefully at each lining panel for cracks and other damage, as well as their correct attaching.

NOTE: If a lining panel is damaged, do a repair or replace the panel.

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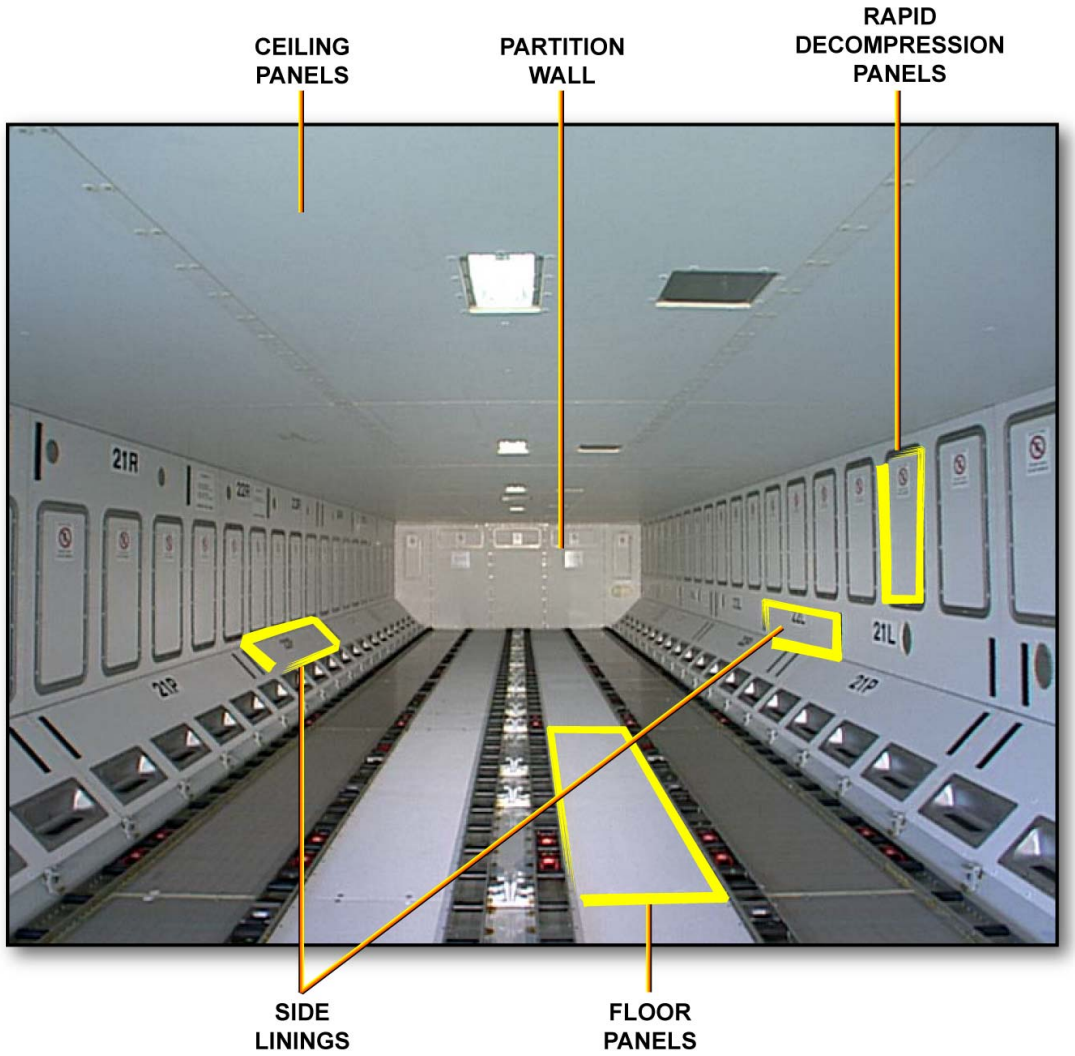

'A' CHECK ITEMS - VISUAL INSPECTION TO CHECK THE INTEGRITY OF THE CARGO COMPARTMENT

COCKPIT D/O (3)

PILOT SEATS

The description, operation and attachment are the same for the captain and the first officer seat as they are symmetrical. However, they are not interchangeable because of the armrests and the controls.

DESCRIPTION

Each pilot seat consists of:
- a backrest,
- two armrests,
- a seating assy,
- a telescopic column,
- a shoulder harness with a control lever,
- a life vest compartment.

The safety harness is a five-strap model equipped with a buckle. The straps can be clicked into the buckle in any order. To release the straps, the buckle has to be turned a quarter turn. Pushing on top releases the shoulder harness alone. The shoulder harness is fitted on an inertial reel, which can be locked by a control lever, located behind the backrest.

The backrest is designed to offer maximum comfort to the occupant and to provide good lateral support of the body. The backrest is divided into two parts:
- the backrest,
- the lumbar rest.

The two parts are integral.

The inboard armrest is located on the pedestal side. The armrest is hinged to the backrest and can be raised vertically and stowed behind the backrest.

A sidestick armrest is located on the console side and contains the fixed arm, the carrier arm and the table. It is attached to the seatpan and is independent from the backrest movements. It can be folded back to a vertical position. A free wheel serves to avoid interference between the armrest and the lateral console.

The seating assy consists of a seatpan and a cushion. The seatpan is a metallic structure, attached to the moving part of the telescopic column. Footrests are provided on the aft part of the seatpan. The cushion provides good support and ensures good pressure distribution.

A life vest is stowed on the aft side of the backrest in a compartment accessible through a hinged door and held closed by means of two magnets.

The telescopic column is made up of three sections:
- the seatbase, connecting the seat to the cockpit floor,
- the moving section, supporting the seatpan,
- the free section which slides into the moving section and the base.

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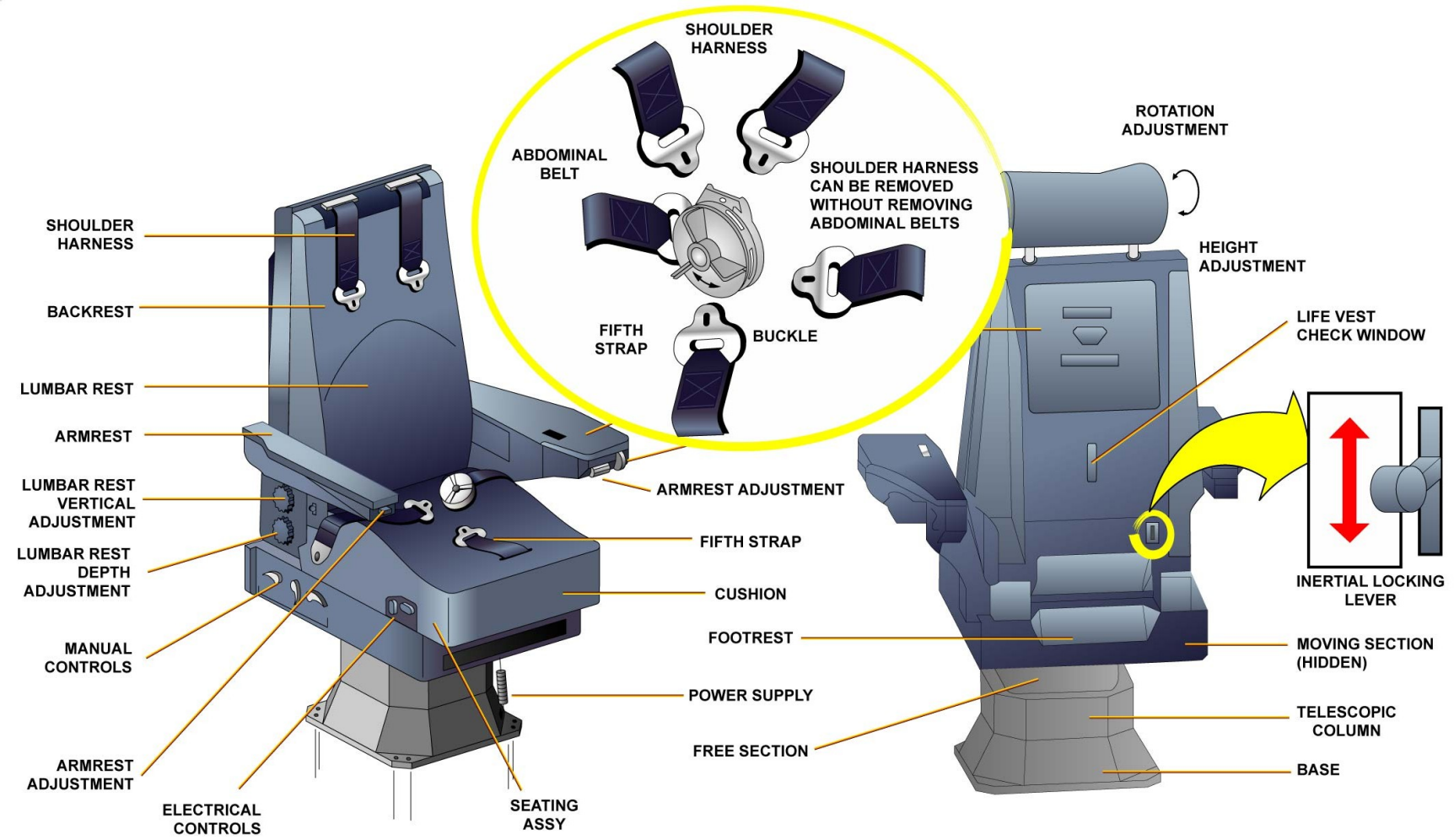

PILOT SEATS - DESCRIPTION

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COCKPIT D/O (3)

PILOT SEATS (continued)

OPERATION

Pilot seats have electrical controls for horizontal and vertical travel. Mechanical controls may be used to override the electrical controls in case of electrical component failure. Other mechanical controls are used for further adjustment of the seat.
Electrical control is provided by a gear motor. With vertical travel, the free section is pulled off or pushed into the seat base. Horizontal travel is determined by a roller fitted under the seatpan, which slides into the L-shaped track.
The control levers "V", "H" and "R" are used for mechanical vertical, horizontal or backrest movements respectively. When a lever is pushed, the system is unlocked. As soon as the lever is released, the system is locked. A gas cylinder is used to slow down vertical and backrest movements.
Rotation of the knobs ensures depth adjustment and vertical movement of the lumbar rest.
The button located on the armrest ensures angular adjustment by means of a screw-nut system and associated stop. Continuous adjustment is possible in a range of 15 degrees downwards and 10 degrees upwards.
A sidestick armrest is located on the console side. The table tilt and the carrier arm height can be adjusted.

ATTACHMENT

The pilot seats are attached to the cockpit floor by means of eight hex head screws.
The steps of the procedure are explained as follows:
- energize the ground service network,
- get access to the avionics compartment through door 811 and then open, safety and tag, the corresponding circuit breakers,
- remove the sidestick armrest from the seat to get it into the cockpit,
- put the seat into position and install the washers and screws and tighten them. Paint the bolts with structure paint,
- reinstall the armrest,
- in the avionics compartment, remove the blanking caps from the connectors and connect the electrical connectors,
- clean the working area and de-energize the ground service network.

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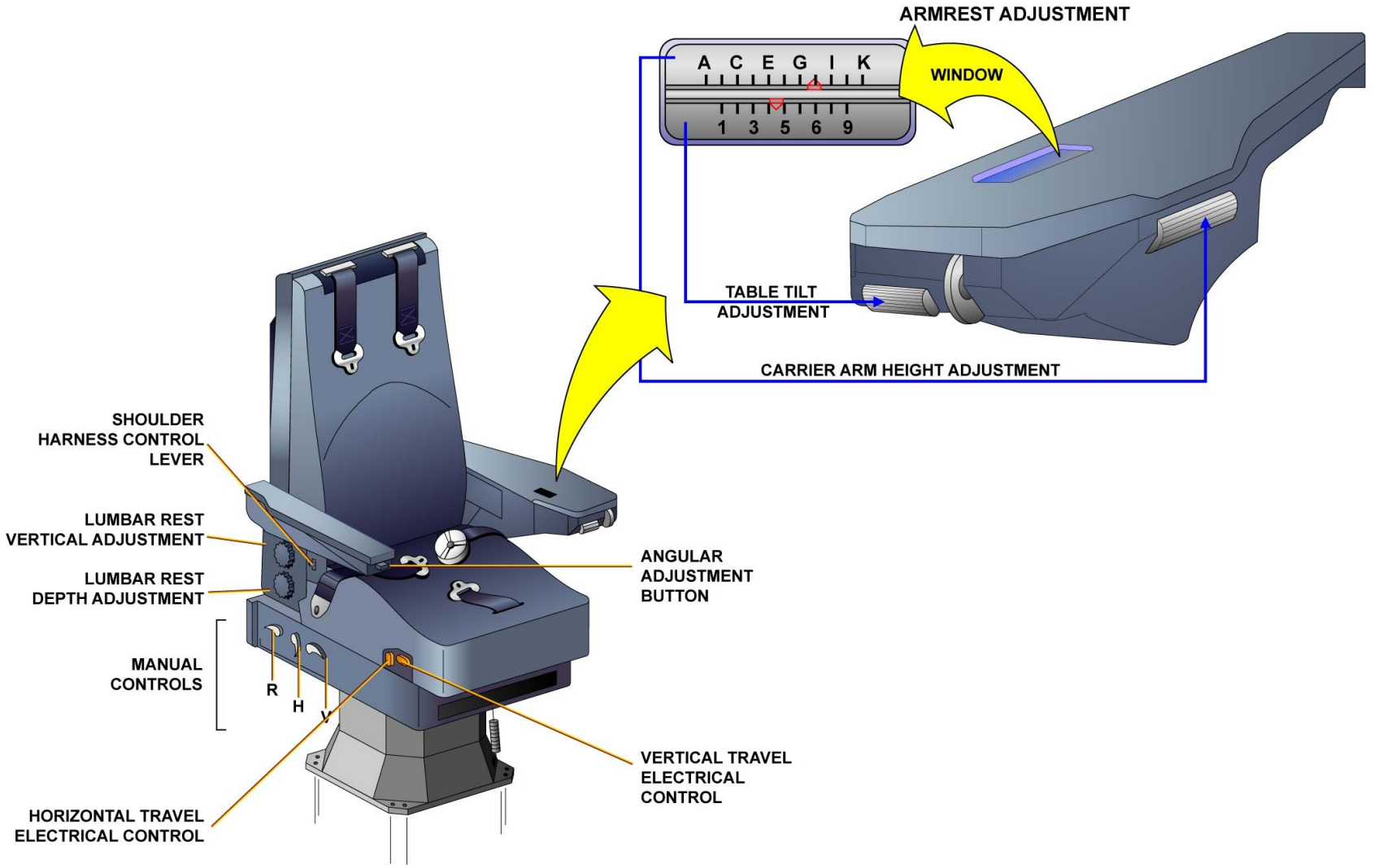

PILOT SEATS - OPERATION & ATTACHMENT

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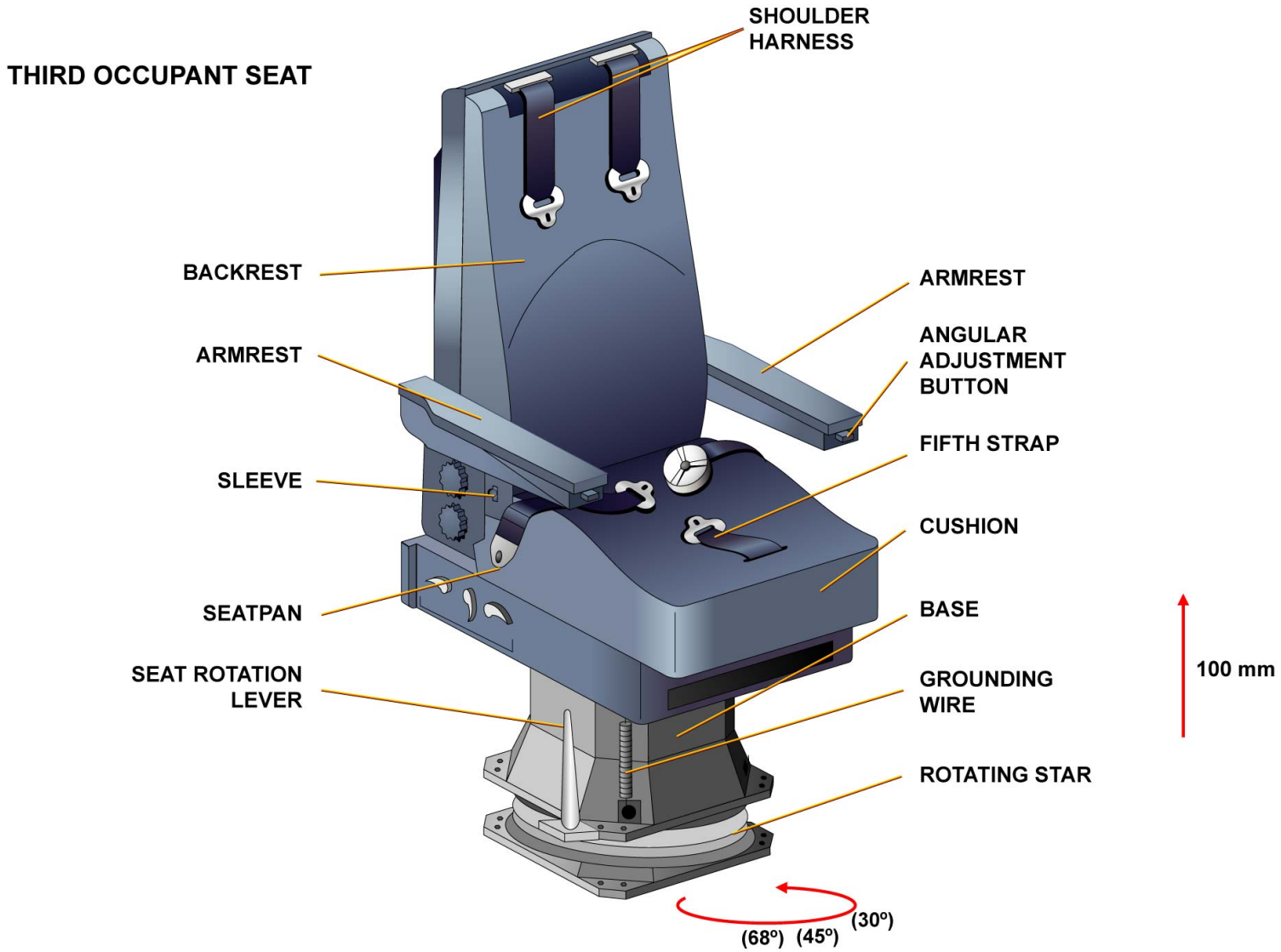
COCKPIT D/O (3)

THIRD OCCUPANT SEAT

The basic structure and shape of the third occupant seat is identical to the pilot seats. Thus the description remains valid.
The differences between the third occupant seat and the pilot seat are as follows:
- the third occupant seat has only mechanical controls so no circuit breakers and no electrical connector to deal with during removal and installation,
- it is raised by 100 mm (3.94 inches) on the rotating star for good visibility.

When aligned with the centerline and in extreme forward position, the seat rotates counter-clockwise to one of three positions: 30, 45 or 68 degrees. The lateral travel is 101.6 mm (4 inches) instead of 76.2 mm (3 inches) for the pilot seat.
Both armrests are of the pilot inboard armrest type. The life vest is stowed in a box located on the aft partition of the cockpit.



THIRD OCCUPANT SEAT

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COCKPIT D/O (3)

FOURTH OCCUPANT SEAT

Now, we shall see different aspects of the fourth occupant seat which is a folding seat.

DESCRIPTION

The fourth occupant seat consists of:
- a headrest,
- a backrest,
- a seating panel,
- a shoulder harness with a control lever,
- a life vest stowage.

The shoulder harness control lever is located on the right hand side of the seat. It is possible to immobilize the occupant if he/she is taken ill (or for other reasons). This is therefore an emergency procedure.
The seating panel rotates down in use. It automatically returns to the stowed position aligned with the backrest when not in use.
A stowage compartment is located below the seating panel. It is closed by means of a lock and contains a life vest.
The headrest is integral with the backrest.
The safety harness is a five-strap model equipped with a buckle. The abdominal belt has NO sleeve to enable stowage.

OPERATION

The fourth occupant seat is NOT adjustable.

ATTACHMENT

The fourth occupant seat is attached to the floor by means of four hex head screws. It forms an angle of 28 degrees with respect to the aft partition. It is inclined backwards by 4.42 degrees.
The steps of the procedure are explained as follows:
- the ground service network has to be energized,
- put the seat in position, install the washers and screws (in the life vest compartment) and tighten them,
- put the life vest in its compartment and close the door,
- make sure that the work area is clean and de-energize the ground service network.

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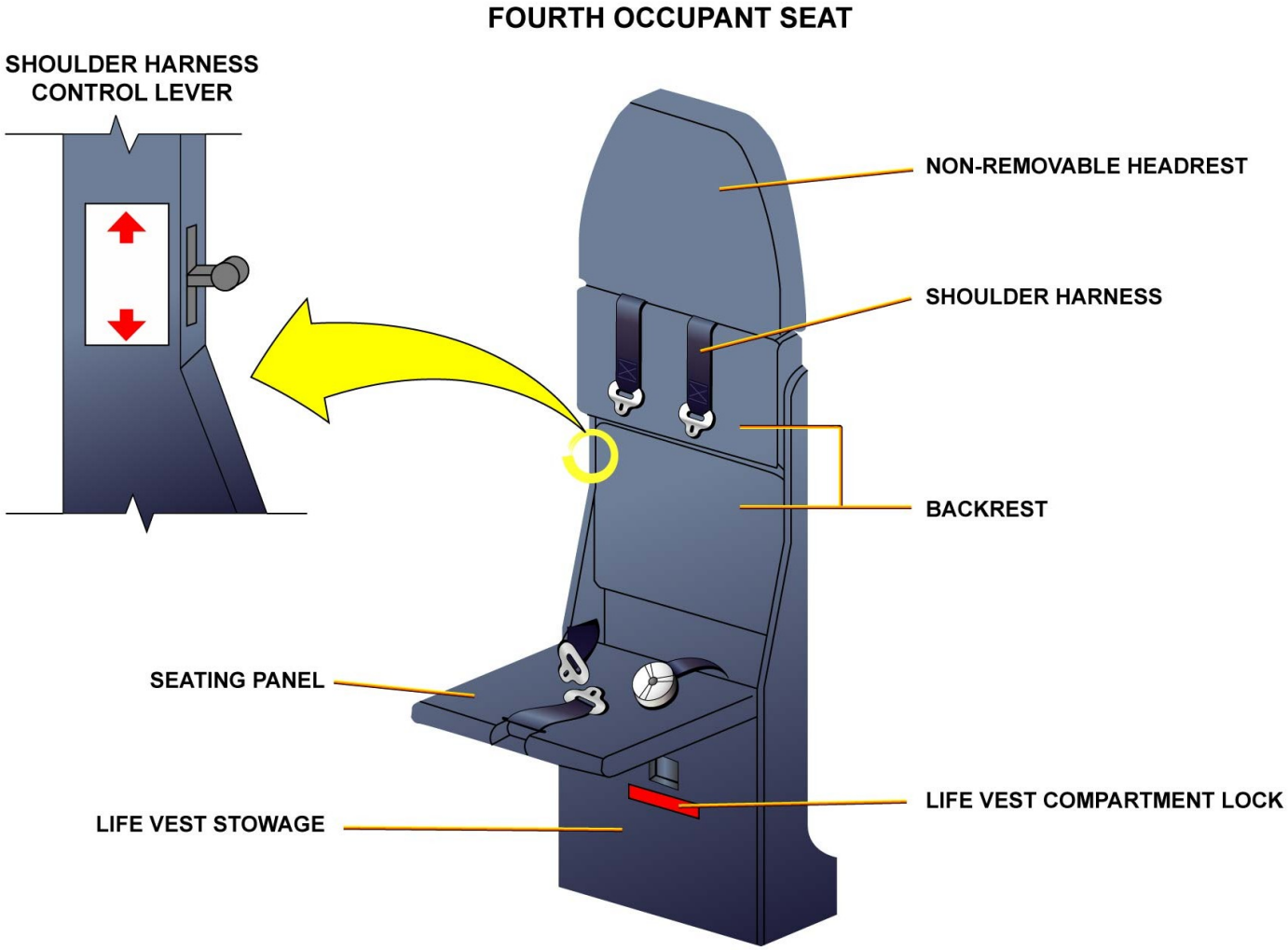

FOURTH OCCUPANT SEAT - DESCRIPTION ... ATTACHMENT

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PASSENGER COMPARTMENT D/O (3)

GENERAL

The passenger compartment can be laid out according to the airline request. The cabin configuration determines the amount and the position of various items like:
- seats,
- lavatories,
- galleys,
- curtains and partitions.

The other linings and furnishings do not depend on the configuration chosen by the airline.

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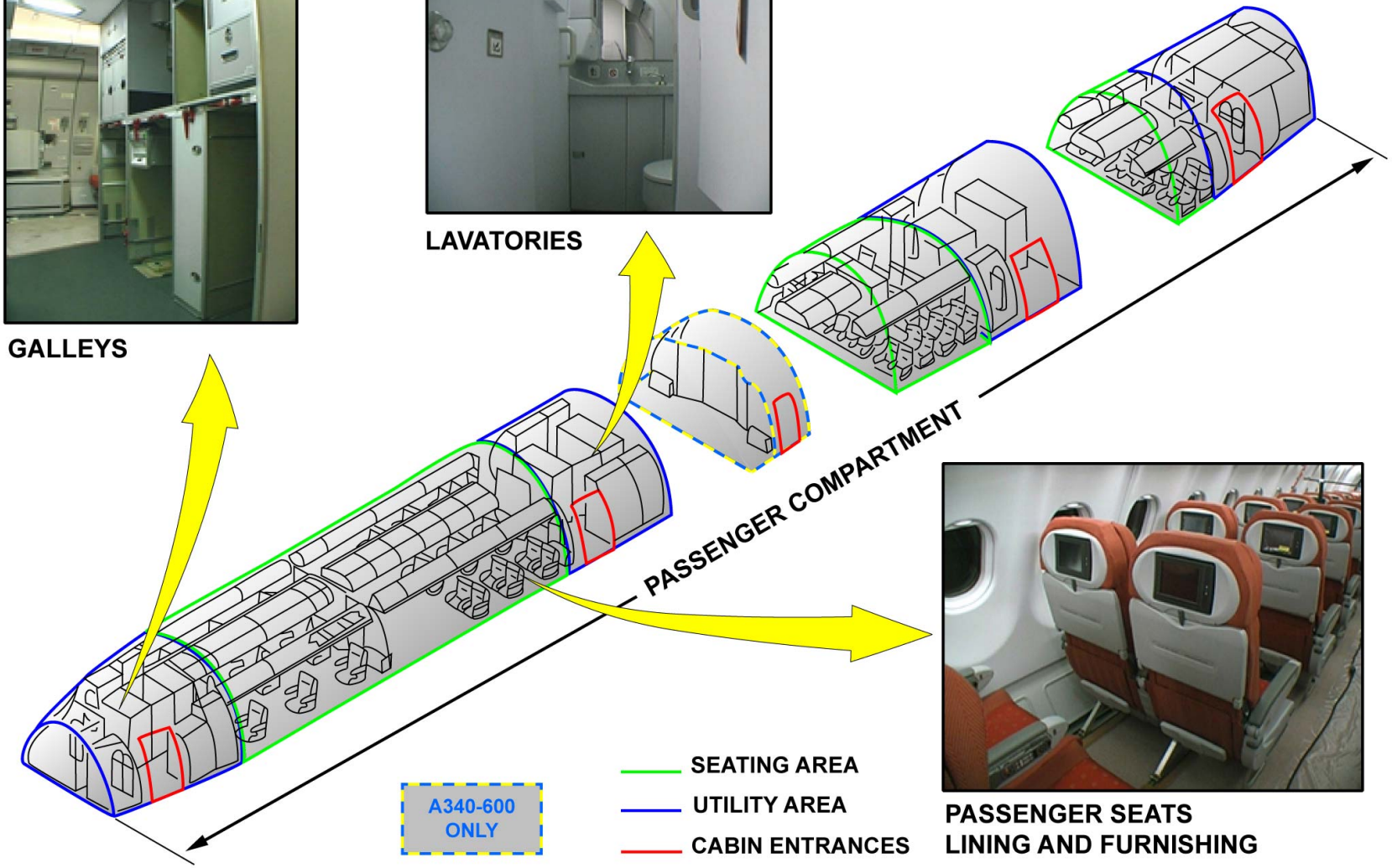
GALLEYS

LAVATORIES



PASSENGER SEATS
LINING AND FURNISHING

GENERAL

PASSENGER COMPARTMENT D/O (3)

LINING AND FURNISHING PANELS

The cabin linings follow the inner contour of the fuselage. They are installed to cover up the fuselage structure, thermal and acoustical insulation and components of the electrical and air conditioning systems. Different panels make up the cabin linings:
- the ceiling panels in the cabin are installed over the full length of the cabin and the utility areas. The ceiling is made up of different panels; the closing covers installed along the lateral overhead stowage compartments top, ceiling panels and cover plates if there is no overhead stowage compartment installed along the top,
- the ceiling panels in the forward and aft utility areas are flat panels. Each exit-ceiling panel is made of a base and a decor panel,
- the sidewall panels are installed along the sidewalls. The panels are moulded plastic window frames,
- the dado panels are installed along the lower sidewalls. All dado panels, except those installed above the cargo compartment doors, have a rapid decompression safety system,
- the door linings are installed on each passenger/crew door and emergency exit door,
- the lateral light covers are installed below the RH and LH overhead stowage compartments.

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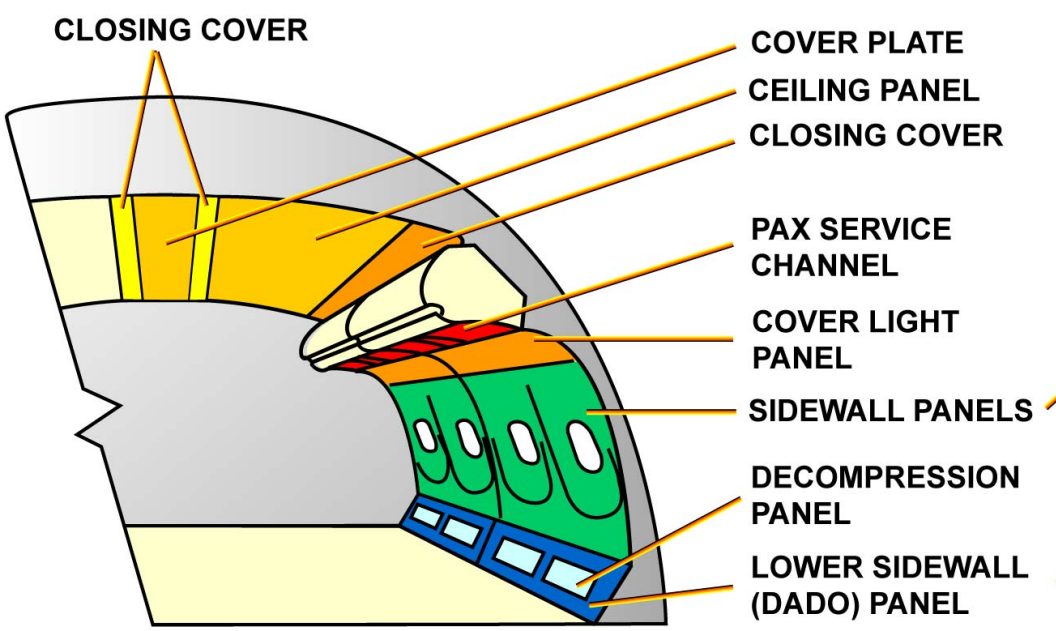
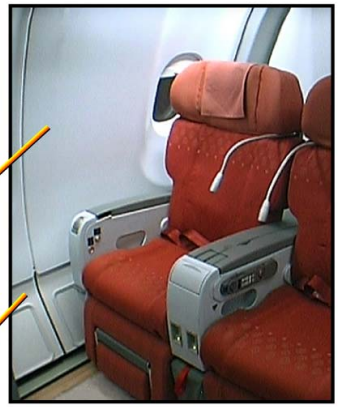
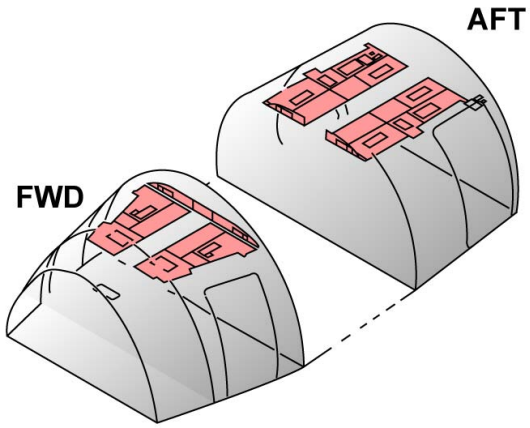


CABIN LININGS



DOORS LINING



FWD AND AFT CEILING FLAT PANEL

LINING AND FURNISHING PANELS

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PASSENGER COMPARTMENT D/O (3)

LINING AND FURNISHING PANELS (continued)

DECOMPRESSION

The rapid decompression safety system prevents a pressure difference between the cabin and the cargo compartments when rapid decompression occurs. This system avoids a subsidence of the passenger compartment floor if rapid decompression occurs in flight.
This system is made of:
- rapid decompression panels in the cargo compartments,
- dado panels in the cabin,
- air grills in the stowage and lavatories.

the rapid decompression panels and the dado panels let the air flow between the cargo compartments and the cabin. The air grills let the air move freely to and from the housings.

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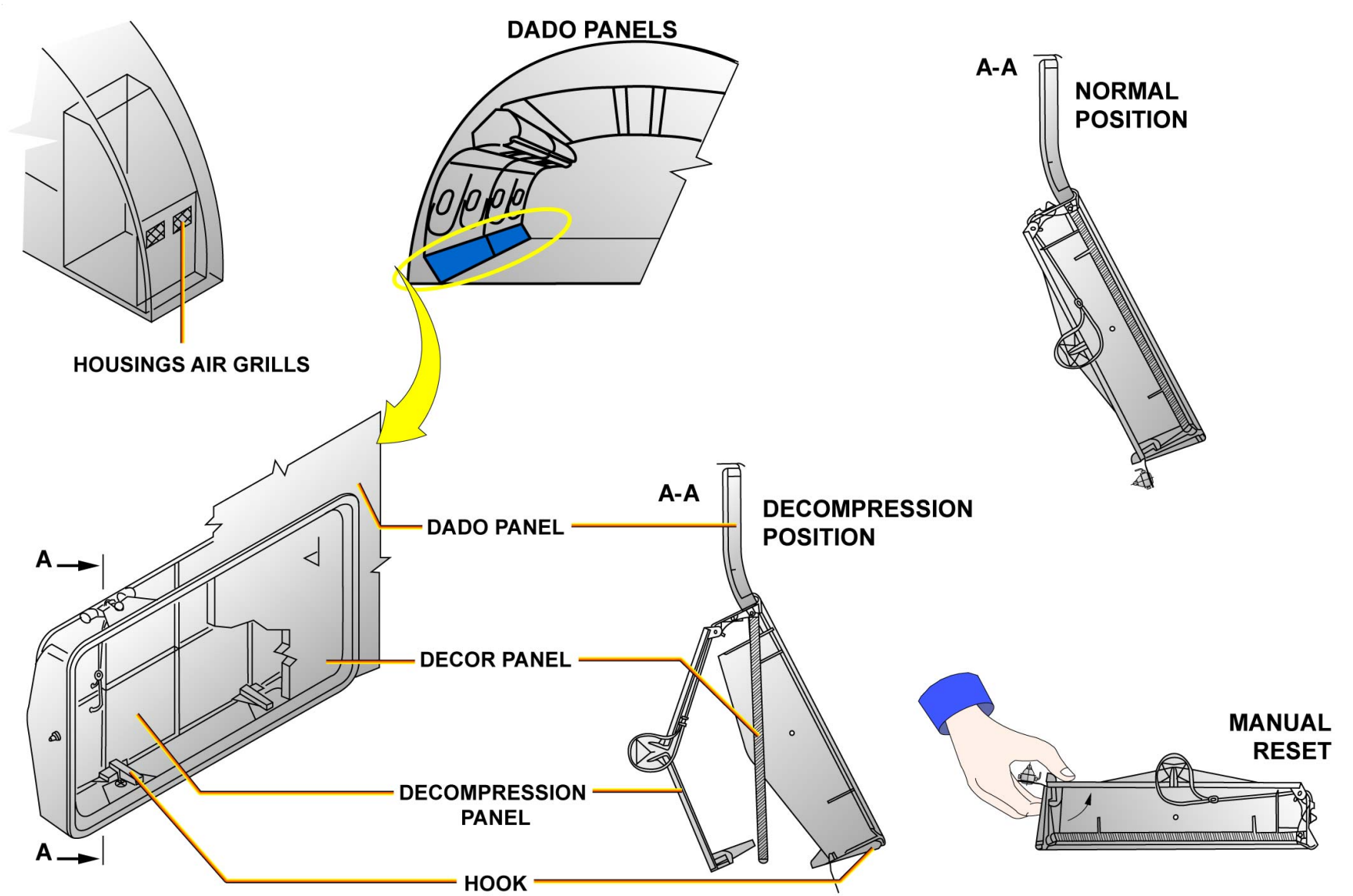

LINING AND FURNISHING PANELS - DECOMPRESSION

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PASSENGER COMPARTMENT D/O (3)

LINING AND FURNISHING PANELS (continued)

INSULATION

The thermal and acoustical insulation insulates the pressurized area of the fuselage against the outside temperature and noise. It is composed of insulation blankets and insulation foam bonded with the panel. The thermal and acoustic insulation is present in the following areas:

- between the frames,
- over the frames,
- over the structure brackets,
- on the cargo-compartment floor panels,
- on the pressure bulkheads.

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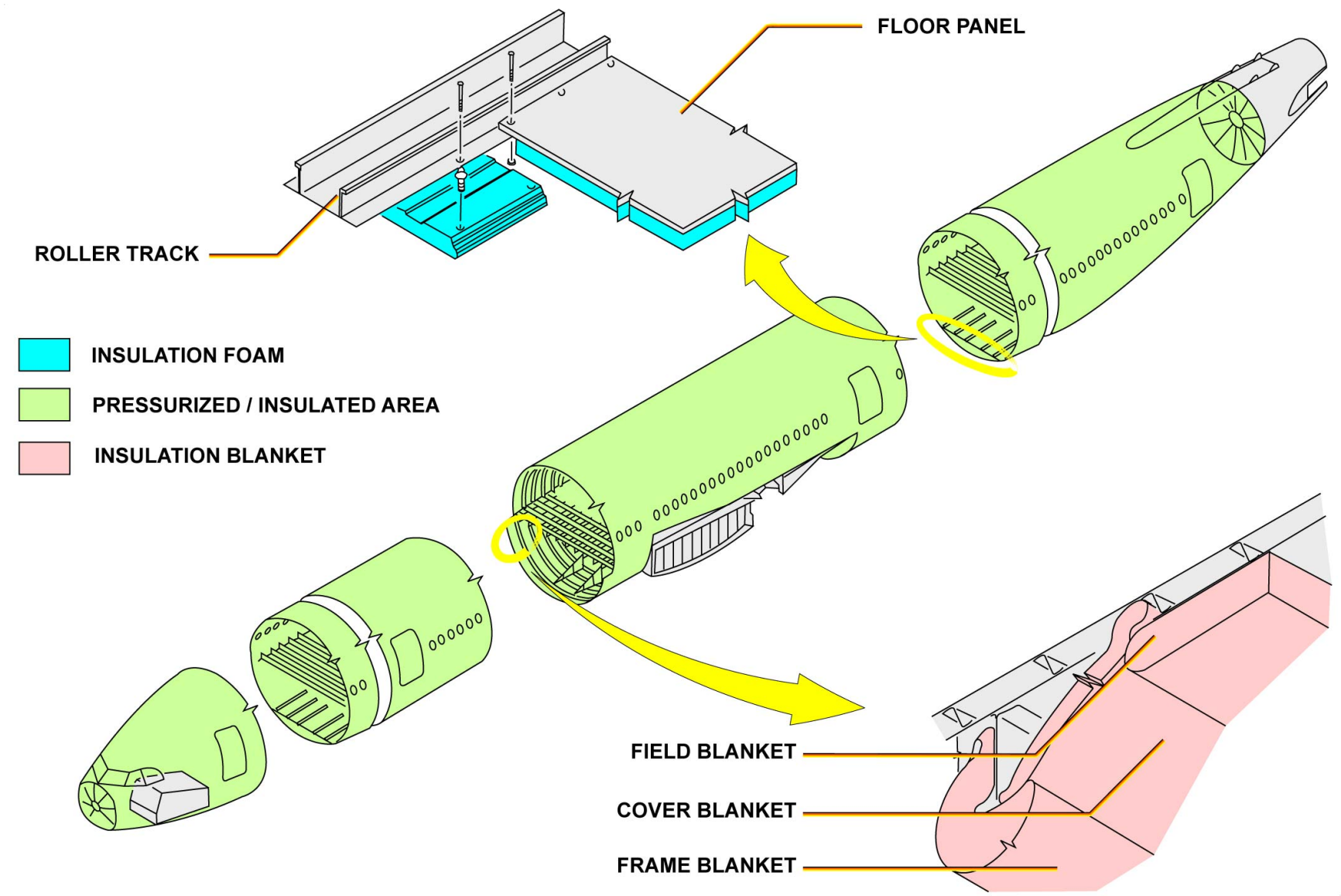

LINING AND FURNISHING PANELS - INSULATION

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PASSENGER COMPARTMENT D/O (3)

LINING AND FURNISHING PANELS (continued)

HEATED FLOOR PANEL SYSTEM (HFPS)

Heated Floor Panels (HFPs) are installed to increase the temperature of the cabin area in the following areas:
- in the area of the passenger/crew doors (from door 1 thru 4),
- in the area of the emergency exits,
- in the aft galley area.

Two Ice Protection Control Units (IPCUs) control and monitor the HFPs and are installed in the underfloor compartments:
- the IPCU located in the avionics compartment controls the forward area,
- the IPCU located in the aft cargo compartment controls the aft area.

The Floor Temperature Setting Panels (FTSPs) are installed to indicate and to adjust the HFPs status but also to test the HFPS with a BITE function. FTSPs are located:
- in the RH area of the passenger/crew doors,
- and at the rear wall of the aft galley area.

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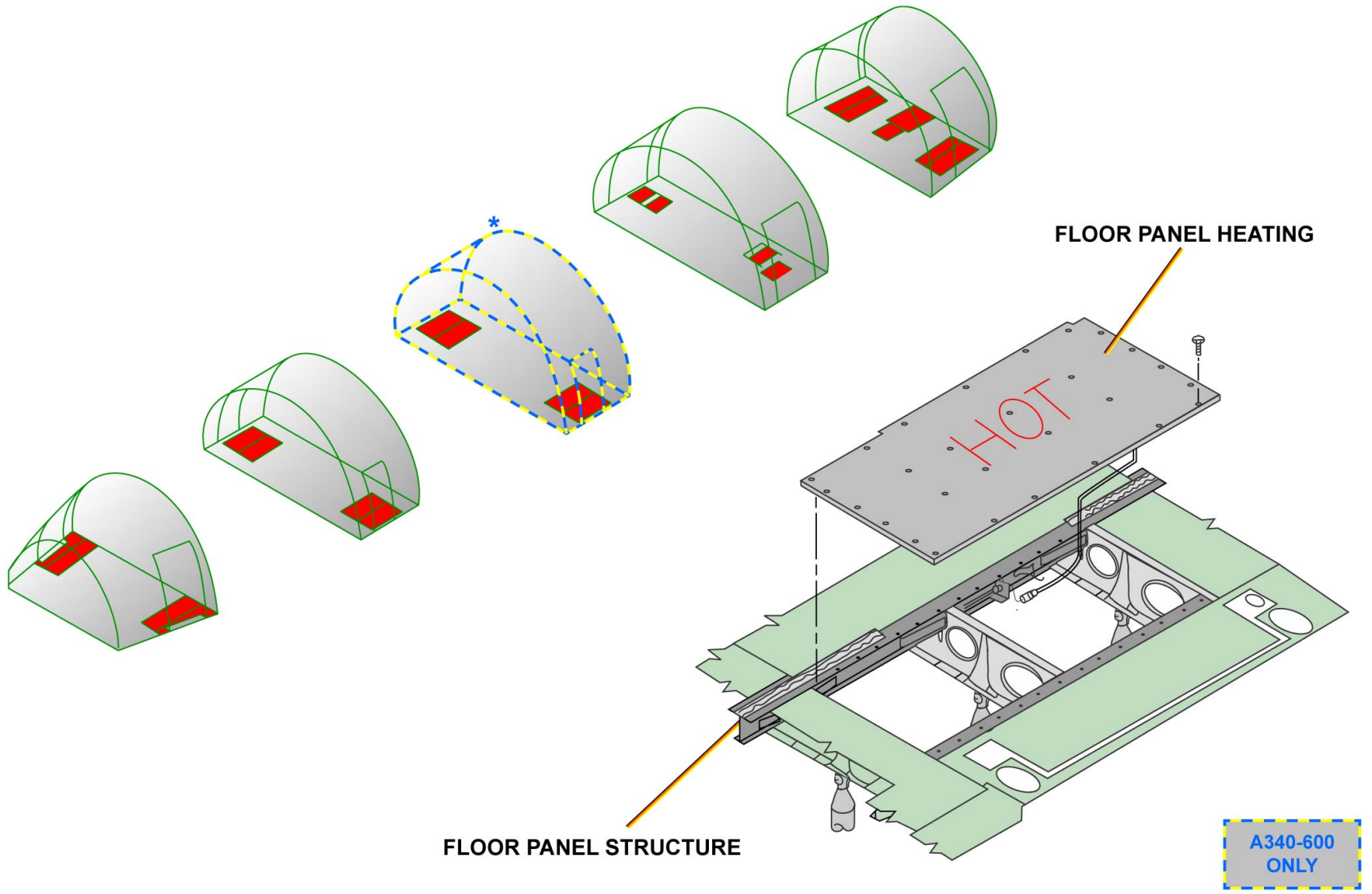
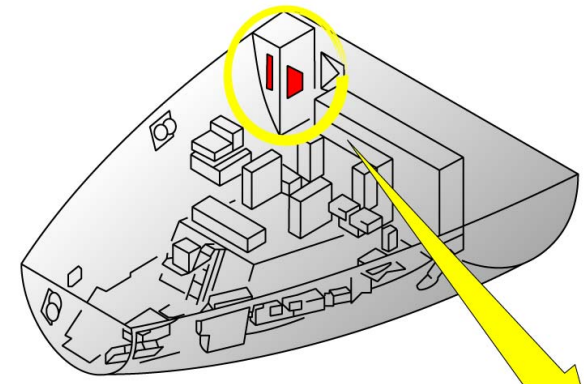
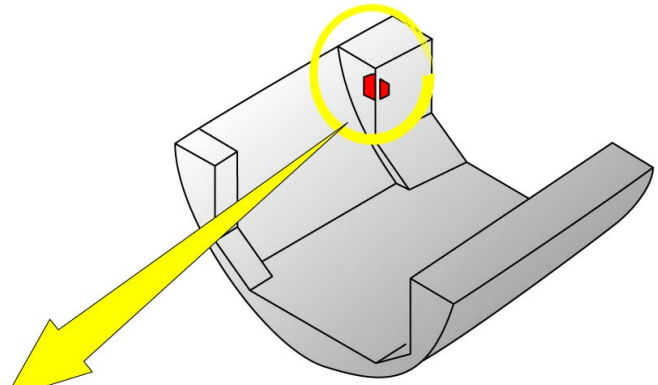


LINING AND FURNISHING PANELS - HEATED FLOOR PANEL SYSTEM (HFPS)

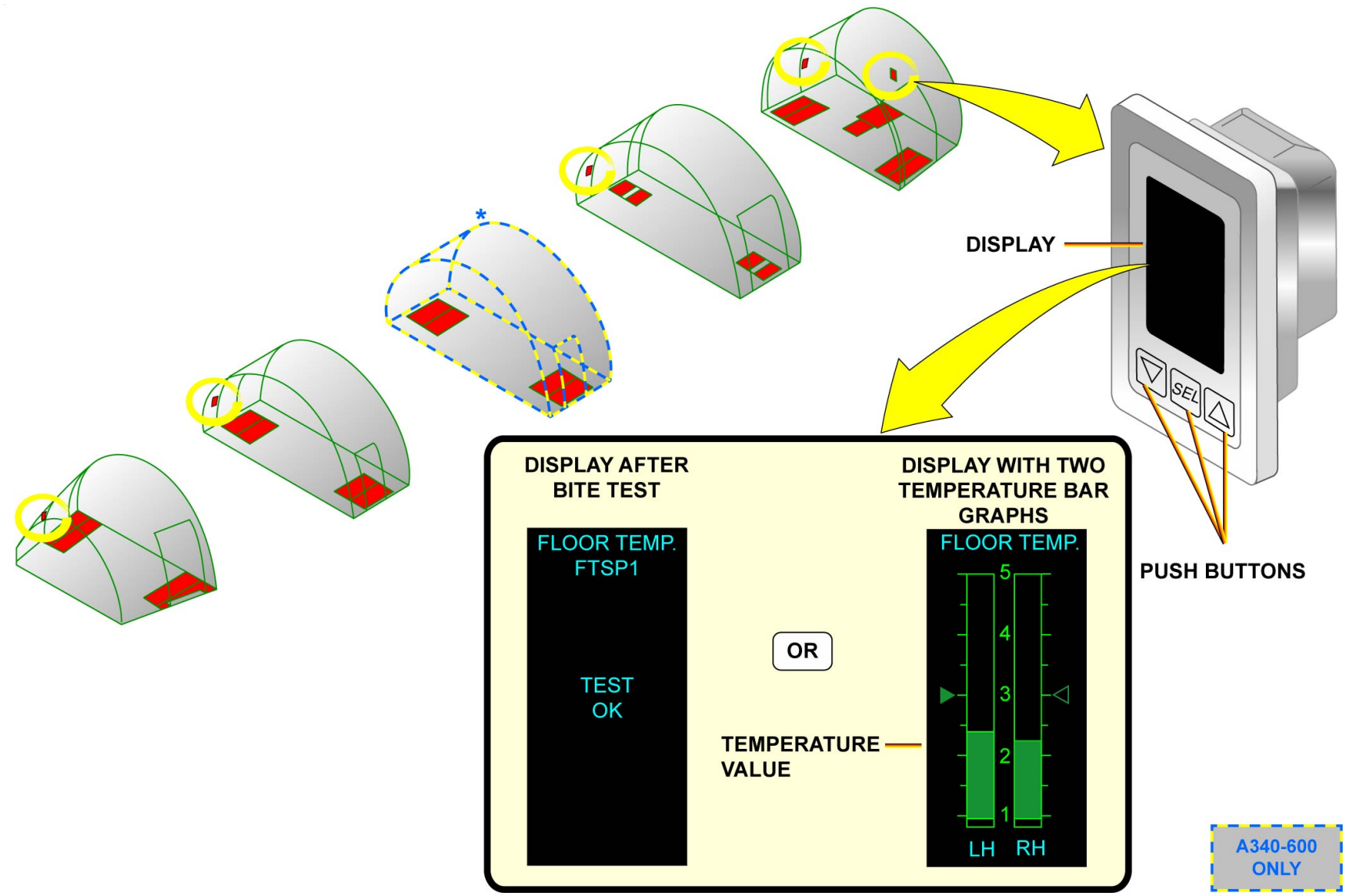


AVIONICS COMPARTMENT



AFT CARGO FLOOR

ICE PROTECTION
CONTROL UNIT



LINING AND FURNISHING PANELS - HEATED FLOOR PANEL SYSTEM (HFPS)

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PASSENGER COMPARTMENT D/O (3)

LINING AND FURNISHING LAYOUT

The floor covering is installed in the cabin and in the utility areas. The floor of the passenger area is covered with textile materials. The floor of each cabin utility area is covered with non-textile materials.
This protects the floor structure from liquids that can cause corrosion.
Textile flooring is installed with double-sided adhesive tape around the outer edges of each piece except for the aisle where it is fully bonded.
Stainless-steel cover-strips are installed across the aisles to cover the joints between the textile and the non-textile floor coverings. The seat tracks below the non-textile floor covering are treated with a corrosion inhibitor spray. Adhesive foil attaches the non-textile floor covering to the floor panels.

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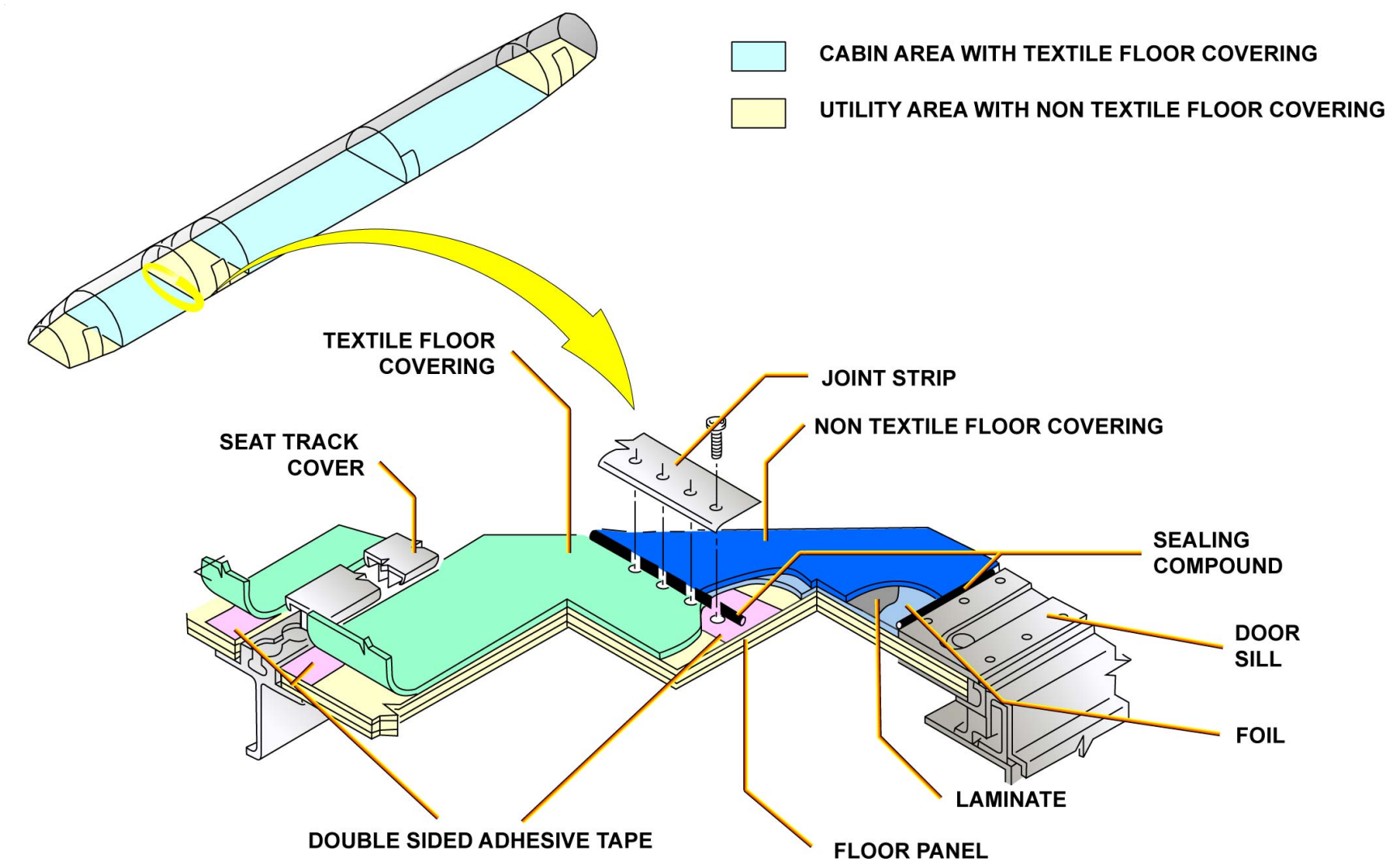

LINING AND FURNISHING LAYOUT

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PASSENGER COMPARTMENT D/O (3)

LINING AND FURNISHING LAYOUT (continued)

SEPARATION AND OVERHEAD STOWAGE

The curtains and partitions are used for separation between the utility and the seating areas. The OverHead Stowage Compartments (OHSCs) are installed for stowage passenger luggage and miscellaneous equipment. There are three kinds of compartment:
- the lateral OHSCs,
- the center OHSCs,
- the center retractable OHSCs.

The stowage is also used for ancillary items and emergency equipment. Some of the stowage has electrical equipment installed.
The lateral OHSCs are single-box structures and each stowage has one or two doors with a locking mechanism. The center OHSCs are double-box structures and each stowage has two or four doors with a locking mechanism. The center retractable OHSCs are double-box structures. Each stowage compartment has an access door and a bin. Each bin has two rollers, which are located in the guide rails on the stowage compartment and a locking mechanism.

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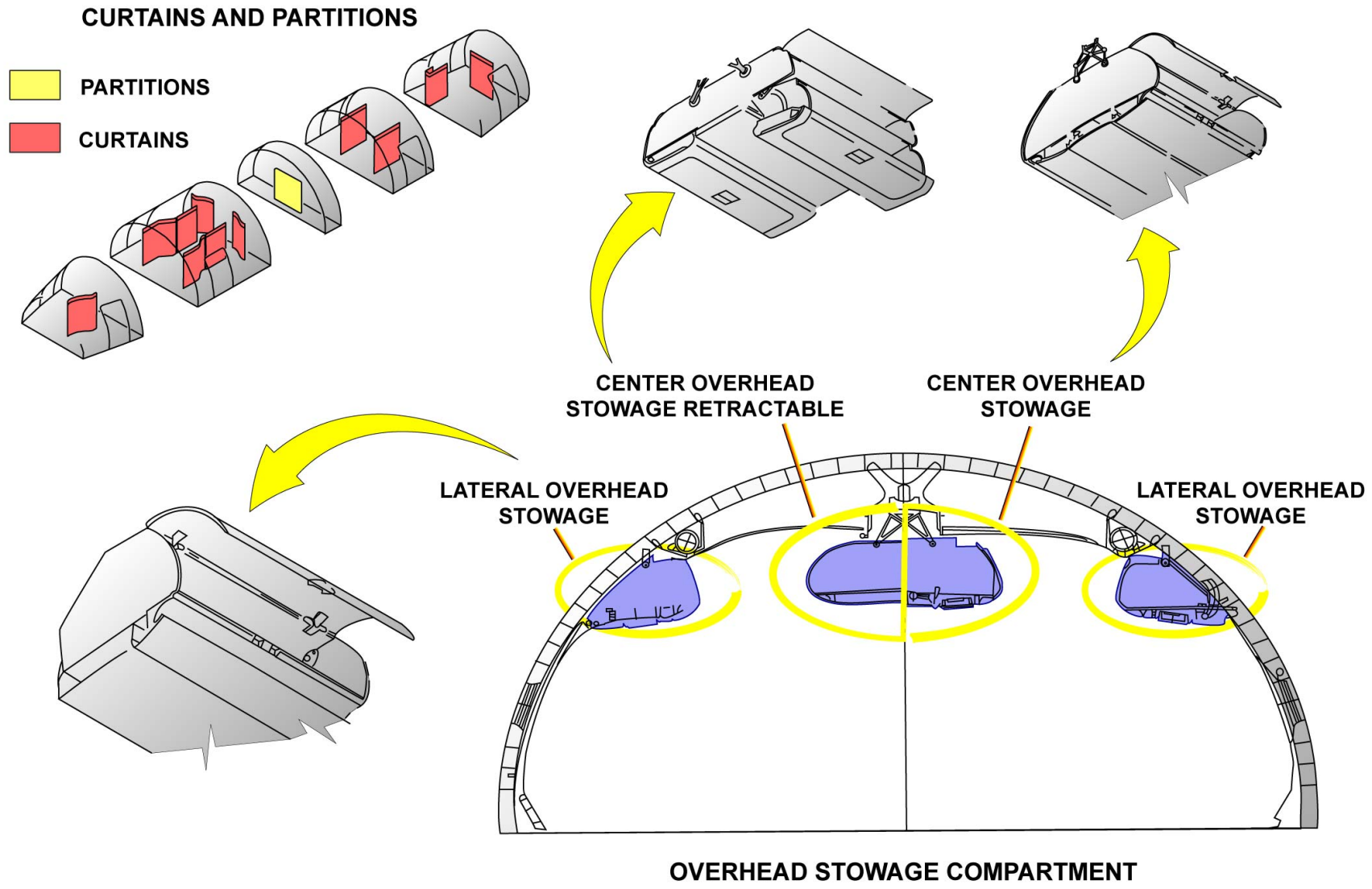

LINING AND FURNISHING LAYOUT - SEPARATION AND OVERHEAD STOWAGE

PASSENGER COMPARTMENT D/O (3)

PASSENGER SERVICE CHANNEL

The Passenger Service/Information Units (PSIUs) are installed in the passenger service channels adjacent to the emergency oxygen containers. The passenger service channels are found at the bottom of the OHSCs above each seat row. If the center OHSCs are not installed, the PSIUs are installed in the cabin ceiling.
Each PSIU has two primary units:
- the Passenger Service Unit (PSU),
- the Passenger Information Unit (PIU).

The PSUs are installed above each seat row, the PIUs above each second seat row. The PSIU could be divided into various parts:
- a reading light panel,
- a fresh air outlet panel,
- a loudspeaker,
- a "FASTEN SEAT BELT" lighted sign,
- a "NO SMOKING" lighted sign.

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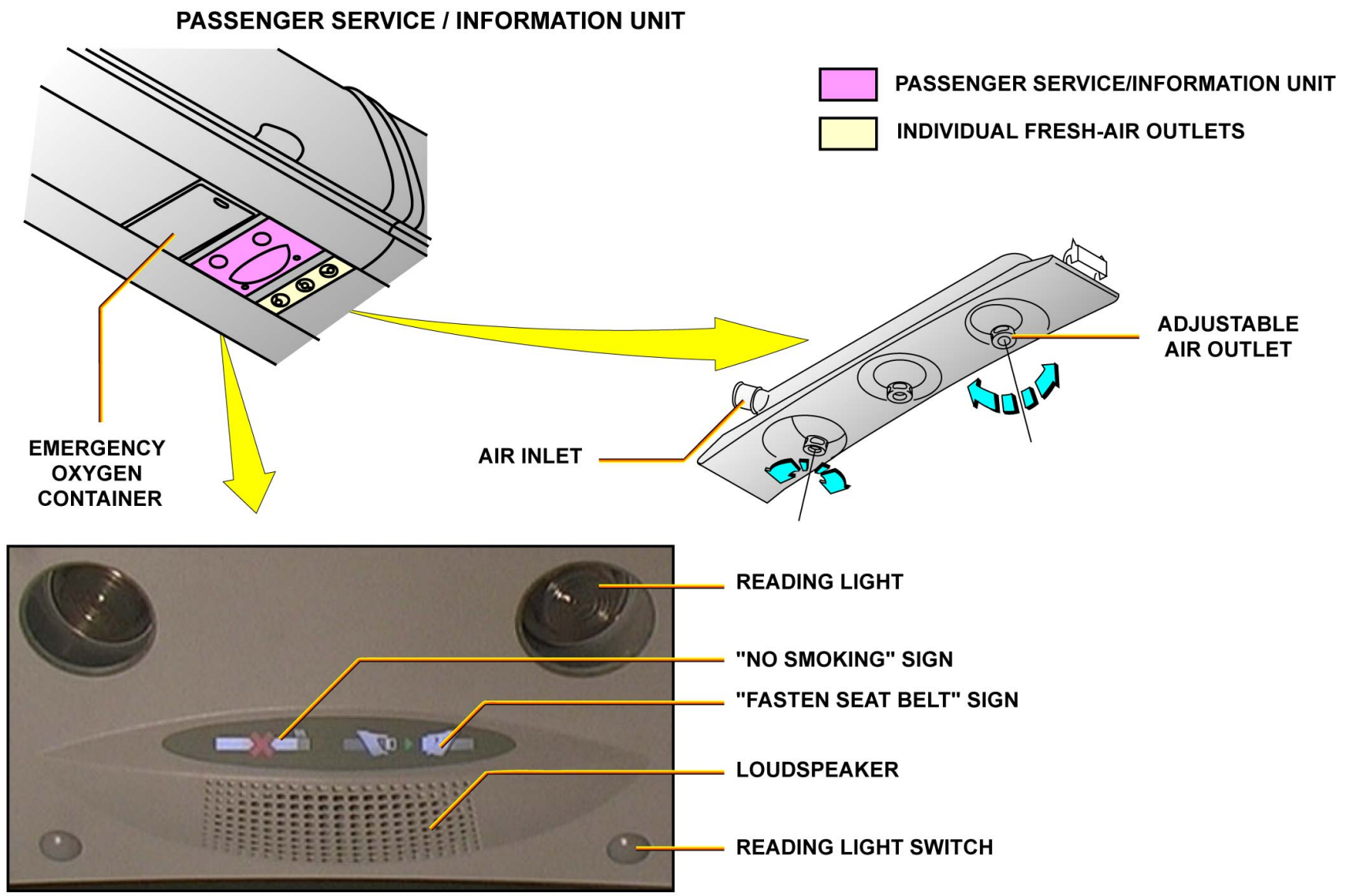

PASSENGER SERVICE CHANNEL

PASSENGER COMPARTMENT D/O (3)

PASSENGER SERVICE CHANNEL (continued)

PSIU INTERFACES

The PSIU has interfaces with the following systems:
- air conditioning system,
- communication system,
- lighting system,
- oxygen system.

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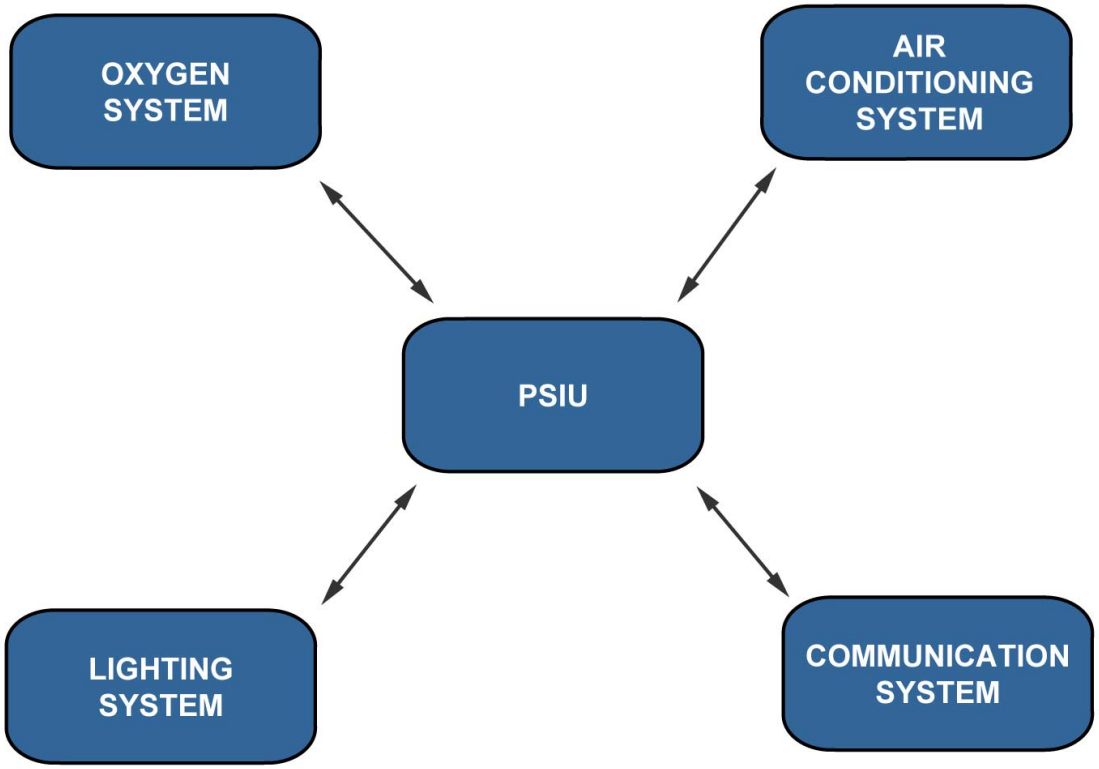

PASSENGER SERVICE CHANNEL - PSIU INTERFACES

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PASSENGER COMPARTMENT D/O (3)

PASSENGER COMPARTMENT SEAT

The passenger compartment can be laid out according to the airline request. The cabin configuration determines the type, the amount and the position of passenger seats.
The three typical configurations are:
- one first class, one business class and one tourist class,
- one business class and one tourist class,
- only one tourist class.

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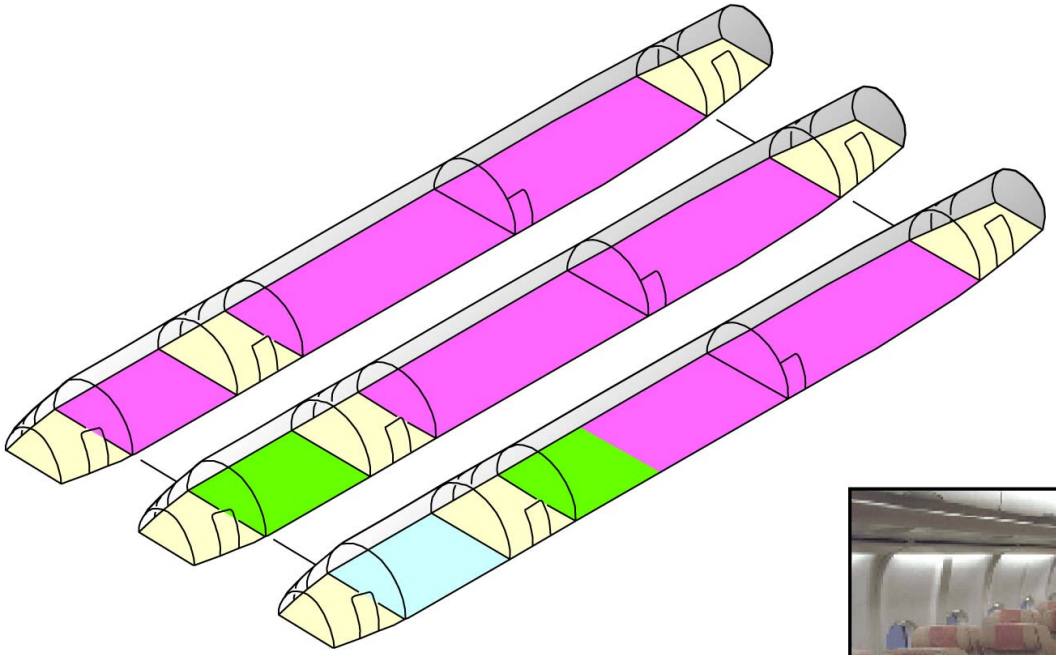
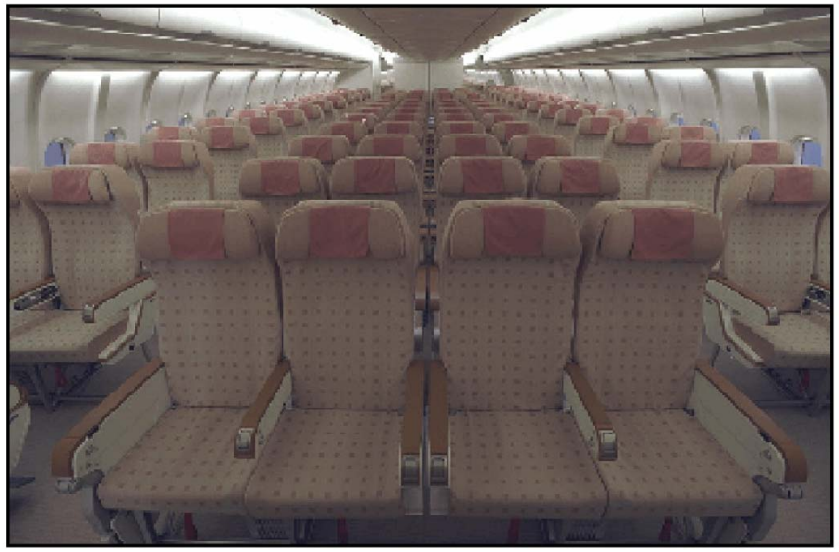


UTILITY AREA
FIRST CLASS
BUSINESS CLASS
TOURIST CLASS



EXAMPLE OF DOUBLE AND QUADRUPLE SEATS FOR TOURIST CLASS

PASSENGER COMPARTMENT SEAT

PASSENGER COMPARTMENT D/O (3)

PASSENGER COMPARTMENT SEAT (continued)

PASSENGER SEAT DESCRIPTION

In each class, there are several types of passenger seat assemblies:
- single seat,
- double seat,
- triple seat,
- quadruple seat.

In the seat, there are the following components:
- seat electronic box,
- life vest container,
- baggage bar,
- framework,
- seat cushion,
- seat belt,
- folding armrest,
- backrest upholstery,
- folding table,
- Passenger Control Unit (PCU),
- fixed armrest.

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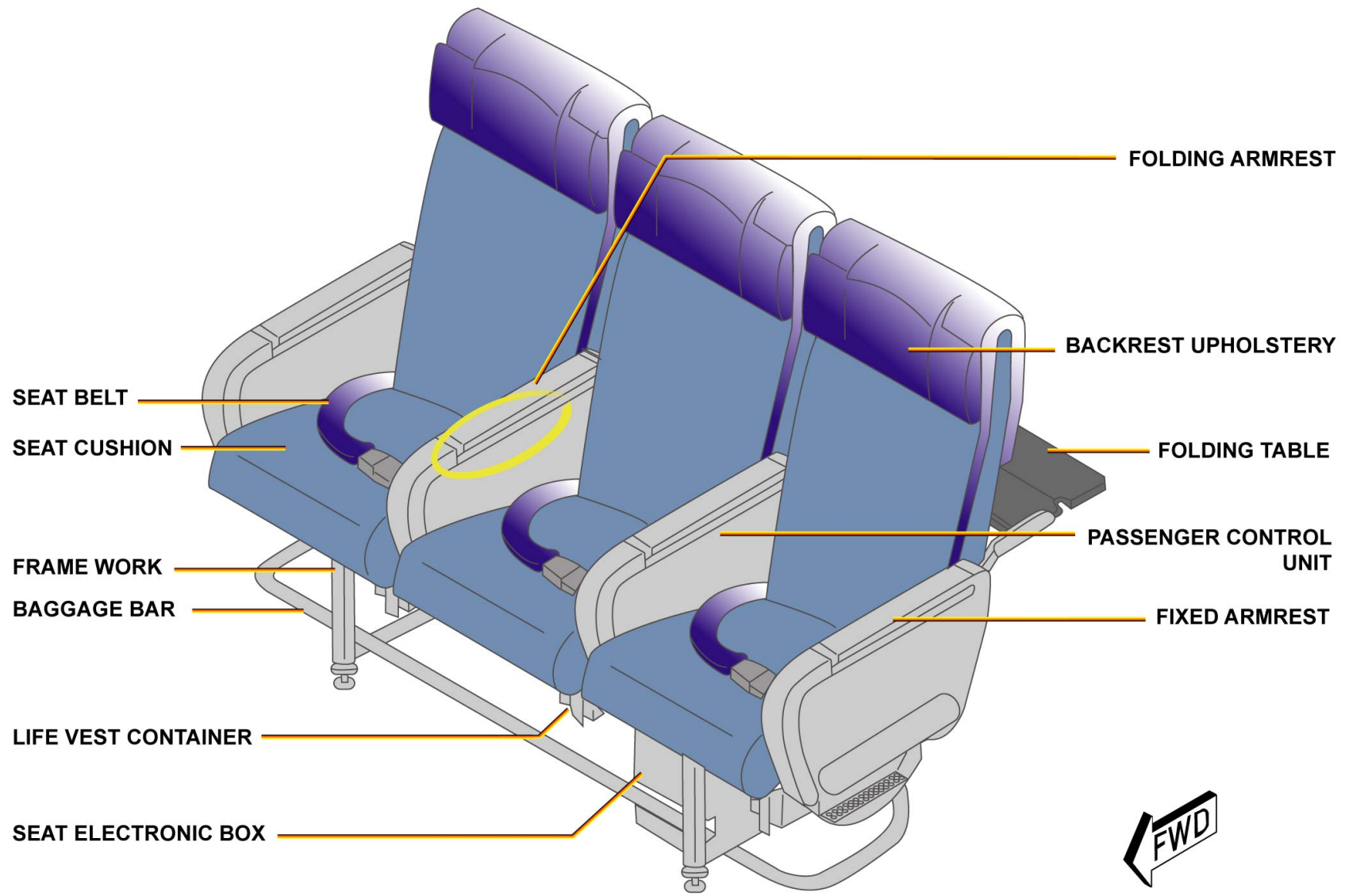

PASSENGER COMPARTMENT SEAT - PASSENGER SEAT DESCRIPTION

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PASSENGER COMPARTMENT D/O (3)

PASSENGER COMPARTMENT SEAT (continued)

PASSENGER SEAT ATTACHMENT DESCRIPTION

The passenger seats are installed on the seat tracks of the cabin floor structure. Quick release fittings at the front and the rear legs hold the seats in position.

During a passenger seat installation, make sure that the front stud is correctly installed in the front leg before you install the seat assembly on the seat track.

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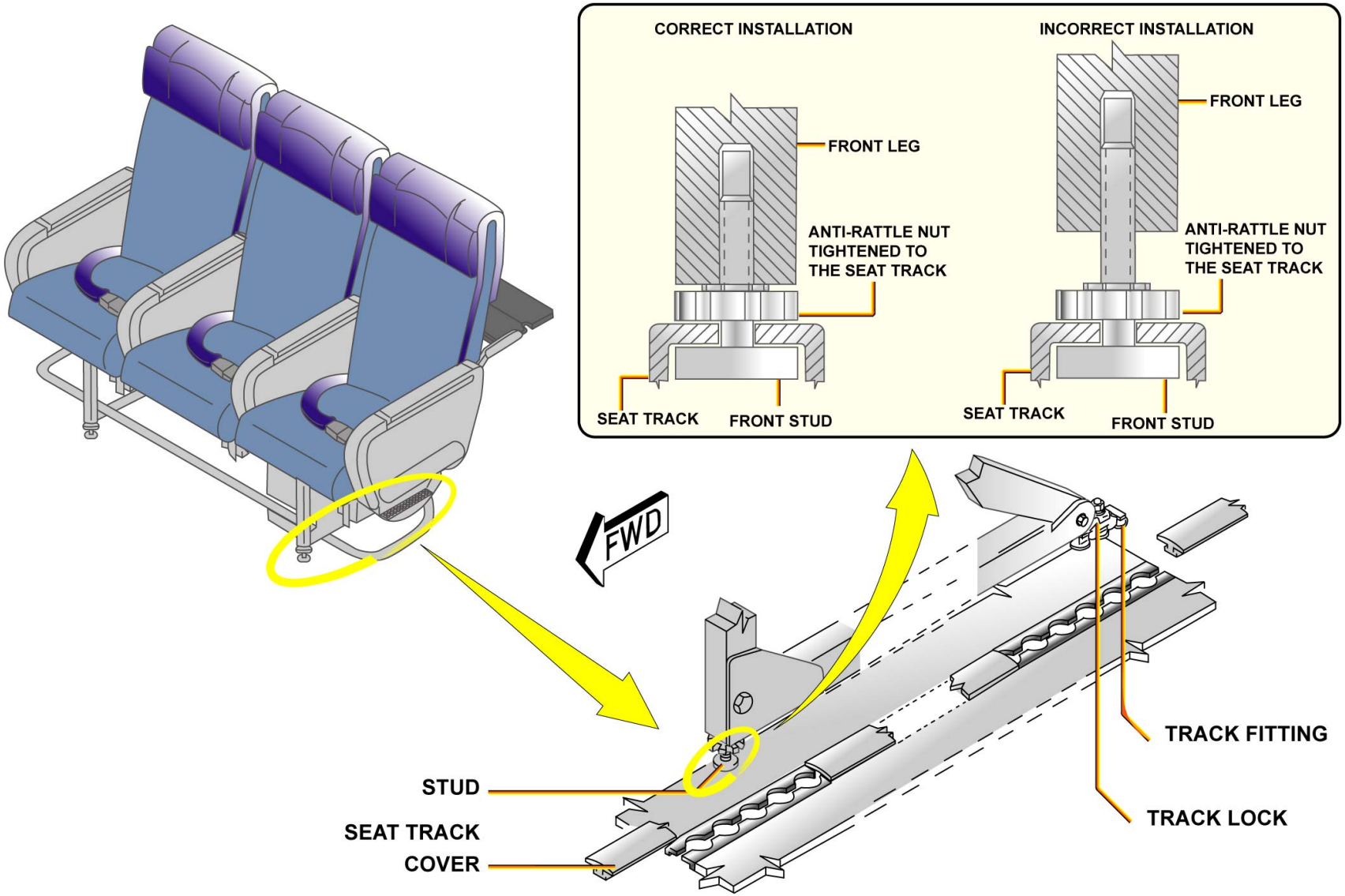

PASSENGER COMPARTMENT SEAT - PASSENGER SEAT ATTACHMENT DESCRIPTION

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PASSENGER COMPARTMENT D/O (3)

CABIN ATTENDANT SEAT

The cabin configuration determines the amount and the position of cabin attendant seats. Cabin-attendant seats have:
- a stowage compartment,
- a folding seat pan,
- a backrest with cushion,
- a seat belt and shoulder harness,
- an aluminium seat frame,
- a headrest with cushion.

There are two different types of fixation for cabin attendant seats:
- floor-mounted, with seat rail,
- wall-mounted.

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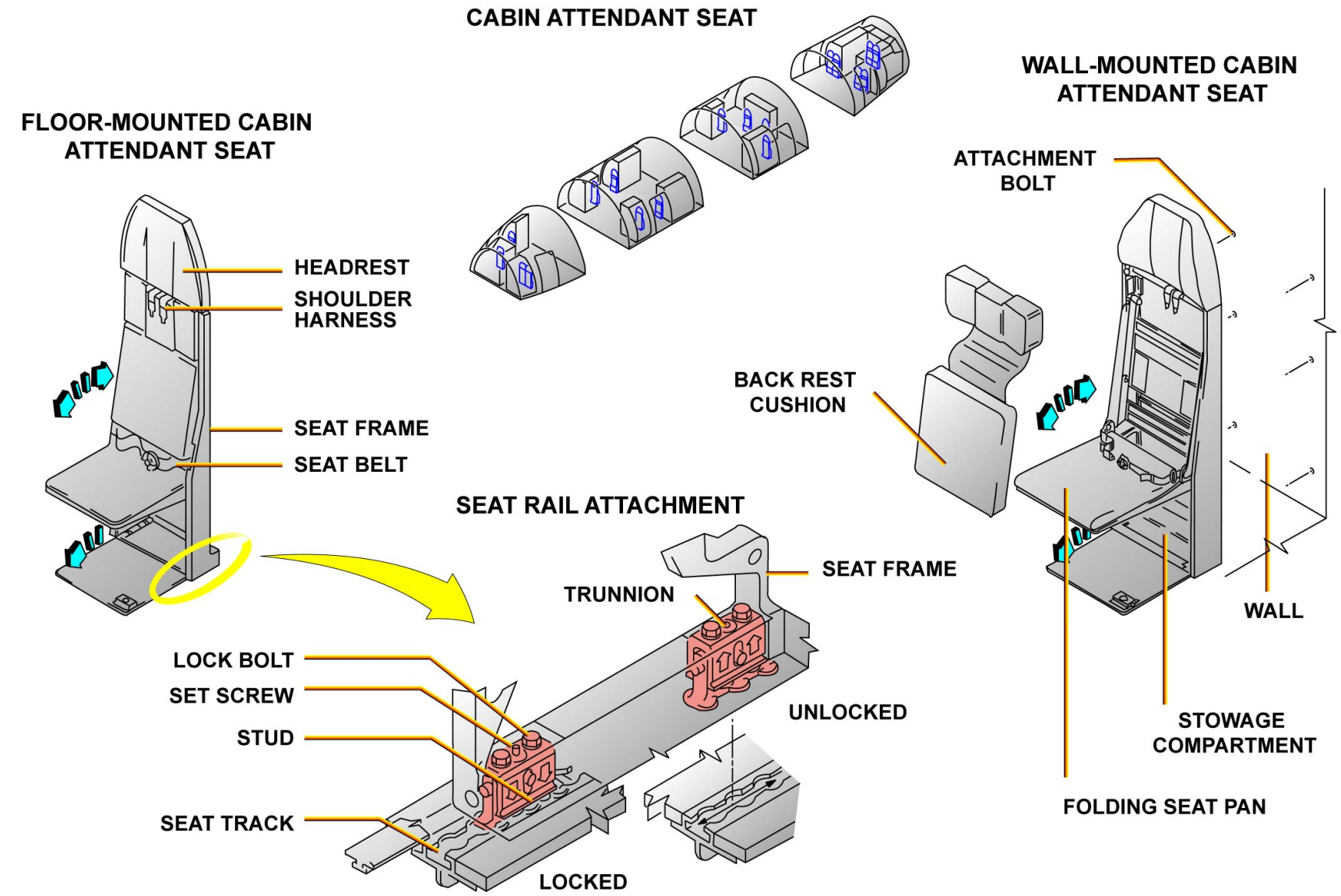

CABIN ATTENDANT SEAT

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PASSENGER COMPARTMENT D/O (3)

GALLEY

The buffet and galley are installed in the cabin. They are used for food preparation and drink storing. You can install them in a number of different configurations.

TYPE AND POWER SUPPLY

There is a wet galley unit, supplied with electrical-operated equipment and used for food and drink preparation. And there is a dry galley unit, only used for food, drink and equipment storing. Galleys have specificity, like a bar, a storage or a preparation area. The galley power supply provides the galley with 115/200V AC, 400 Hz from the AC normal bus bars. The maximum load of each feeder is 15KVA.

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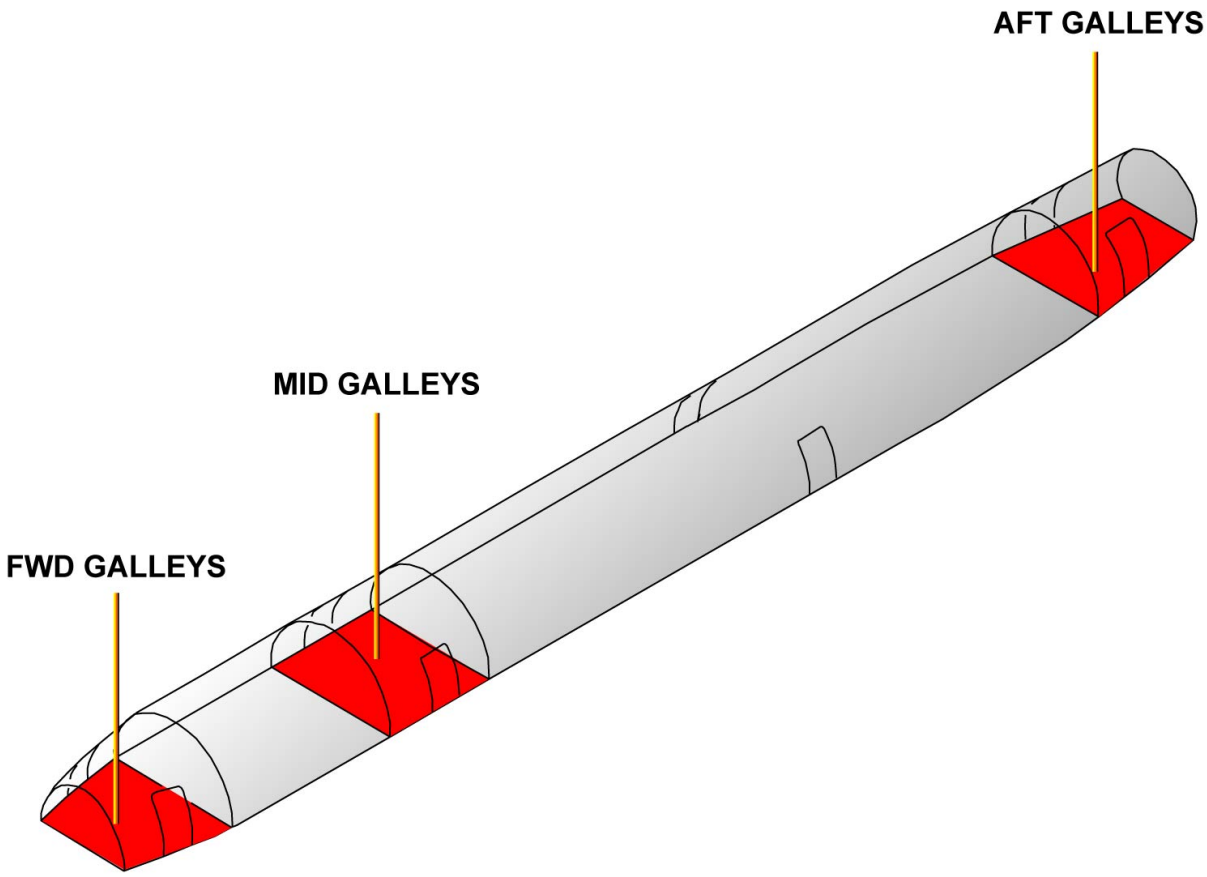

GALLEY - TYPE AND POWER SUPPLY

PASSENGER COMPARTMENT D/O (3)

GALLEY (continued)

ATTACHMENTS

The galley basic structure is made of a honeycomb panel. The main galley attachment points are hardpoints and/or seat rail attachments on the floor, and ties rod attachment to the upper fuselage structure.

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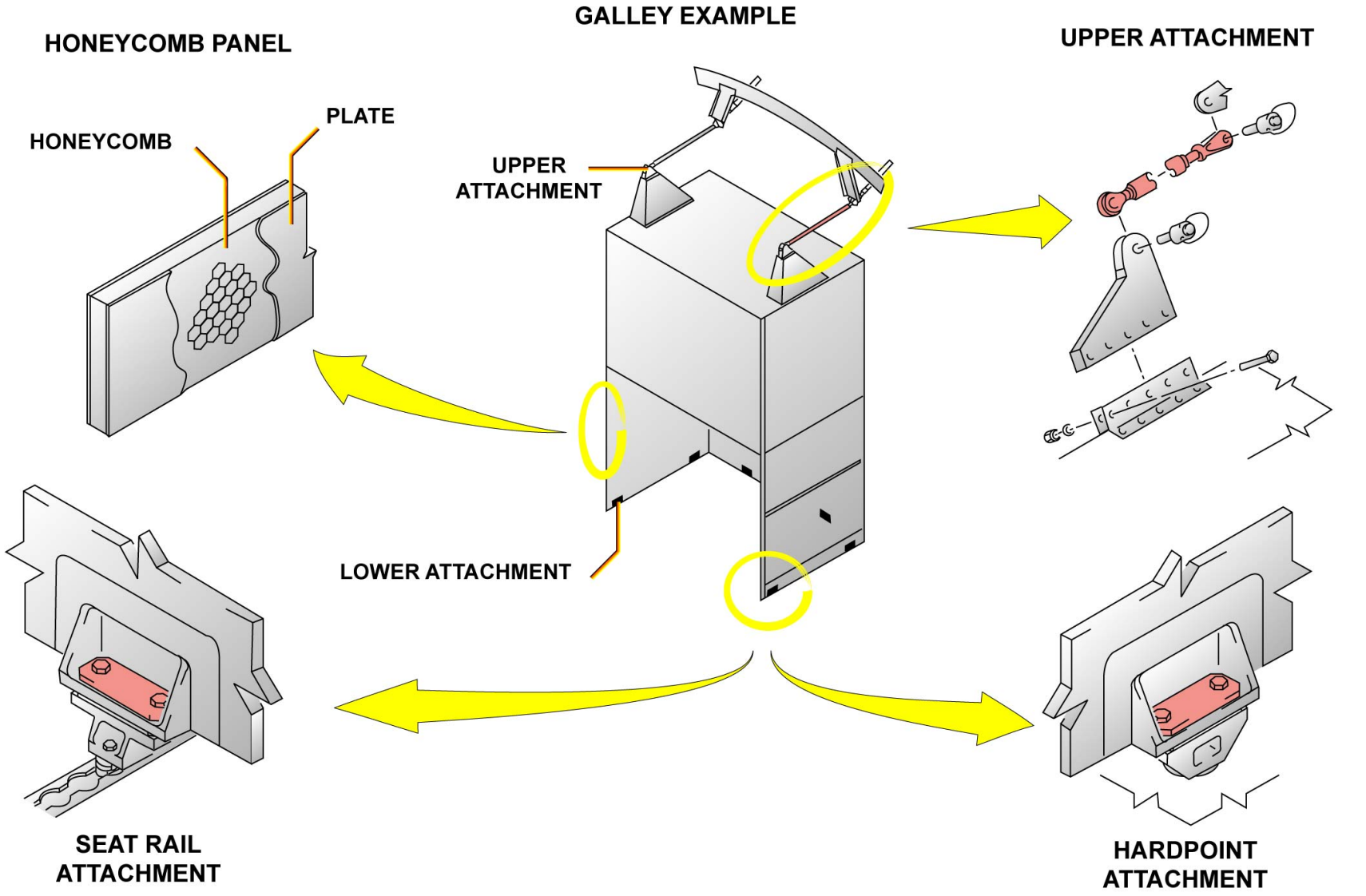

GALLEY - ATTACHMENTS

G9409341 - GAUT0T0 - FM25D2000000002

PASSENGER COMPARTMENT D/O (3)

GALLEY (continued)

INTERFACES

The galley has an interface with:
- water/waste system,
- air conditioning system,
- galley cooling,
- passenger video entertainment system,
- galley electrical power supplies.

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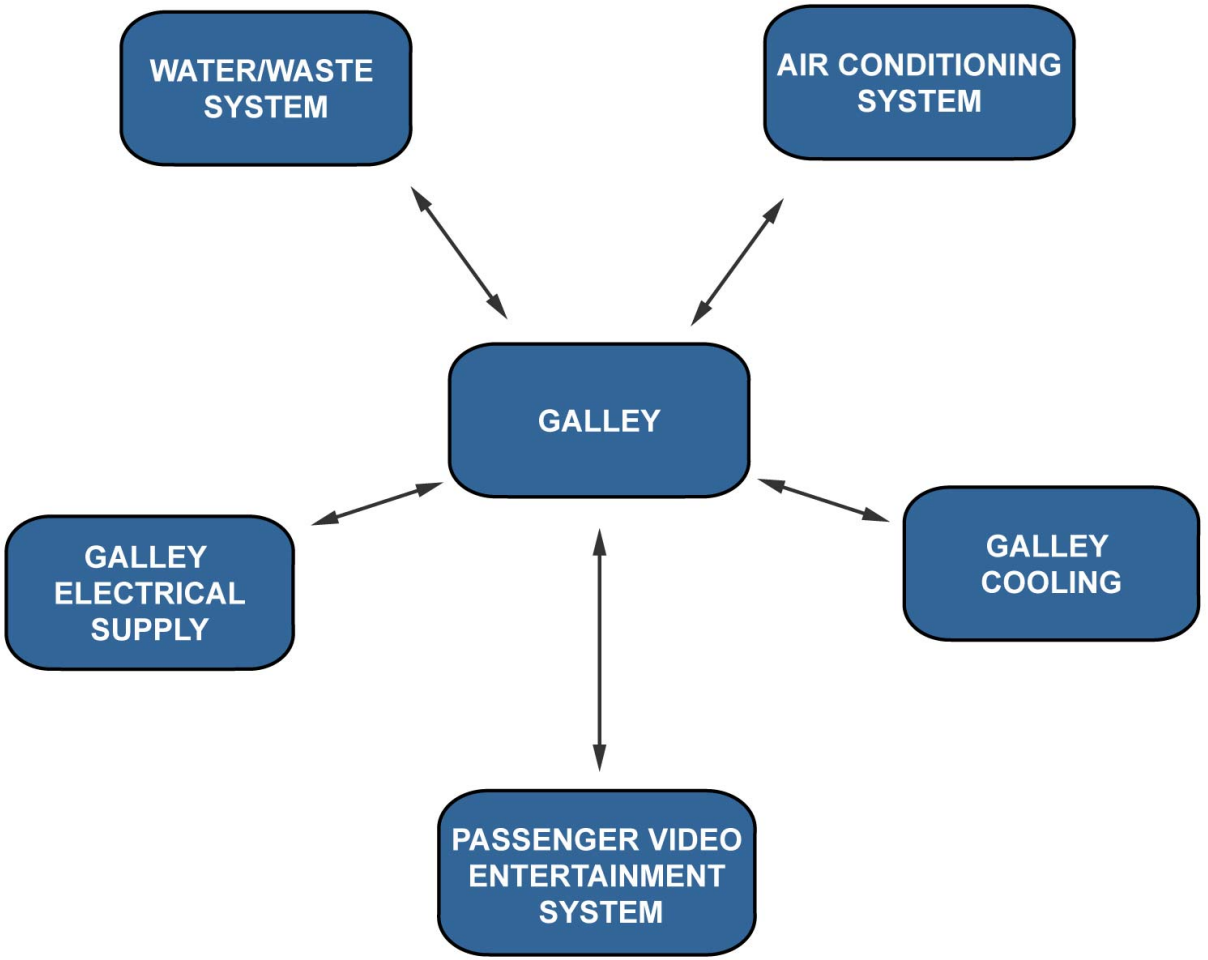

GALLEY - INTERFACES

G9409341 - GAUT0T0 - FM25D2000000002

PASSENGER COMPARTMENT D/O (3)

GALLEY (continued)

EQUIPMENT

In the galley compartment there is the following equipment:
- refrigerator,
- oven,
- water heater,
- coffee maker,
- beverage maker,
- sink,
- hot cup,
- waste box,
- trolleys,
- trash compactor.

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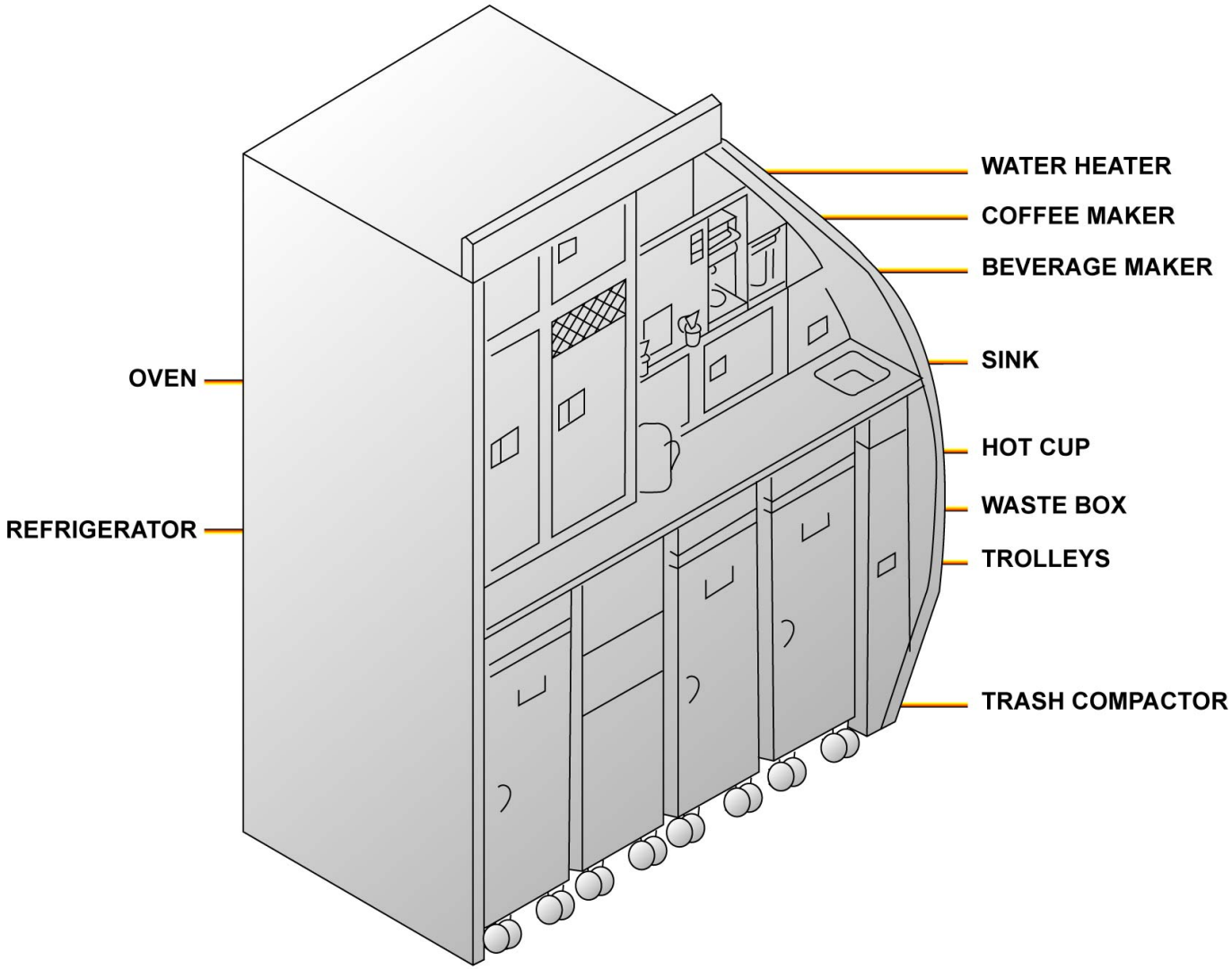

GALLEY - EQUIPMENT

PASSENGER COMPARTMENT D/O (3)

LAVATORY

The lavatories are installed in the cabin. They are installed for the comfort of the passengers and crew. Each lavatory also has a washroom function.
There are two types of fixation for lavatories:
- set lavatories: attached on the hardpoints. The top of the lavatories is attached to the aircraft primary structure,
- moveable lavatories: attached to the seat rails. The tie-rods attach the top of the lavatories to the aircraft primary structure. The attachment on the seat rails allows different positioning of the lavatories at the installation. The basic structure is made of a sandwich panel like the lavatory doors.

Each door is locked with a micro switch. When the door is locked you can open it from outside if necessary. There are single-blade doors or bi-folding doors.

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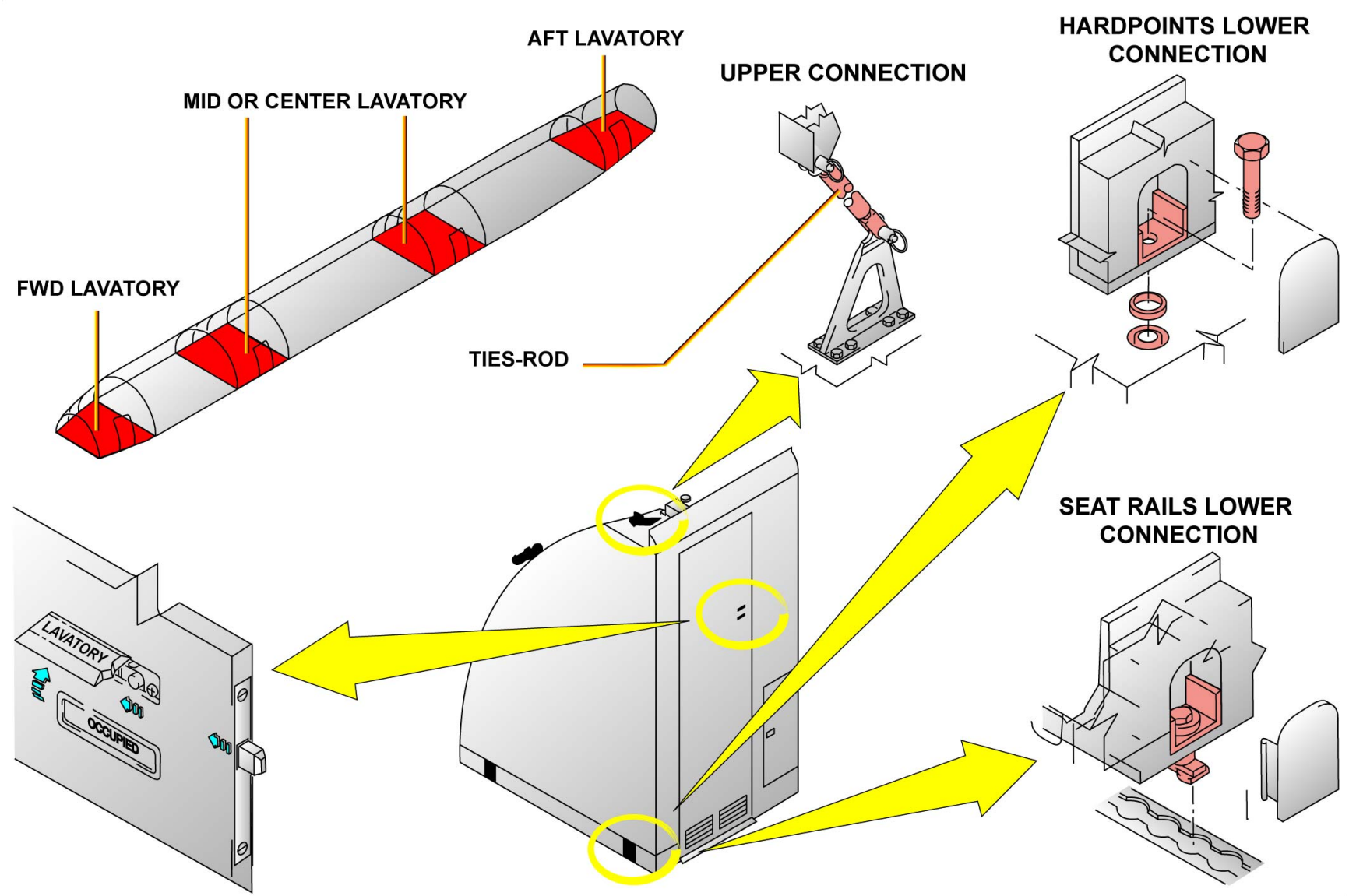
AFT LAVATORY
MID OR CENTER LAVATORY
FWD LAVATORY
UPPER CONNECTION
TIES-ROD
HARDPOINTS LOWER CONNECTION
SEAT RAILS LOWER CONNECTION
LAVATORY
OCCUPIED

LAVATORY

PASSENGER COMPARTMENT D/O (3)

LAVATORY (continued)

INTERFACES

Lavatories have interface with the following equipment:
- passenger address and entertainment system,
- air conditioning system,
- lavatory lighting,
- fire protection system,
- light sign system,
- electrical power supply system,
- passenger oxygen system,
- Cabin Intercommunication Data System (CIDS),
- waste disposal system,
- potable water system.

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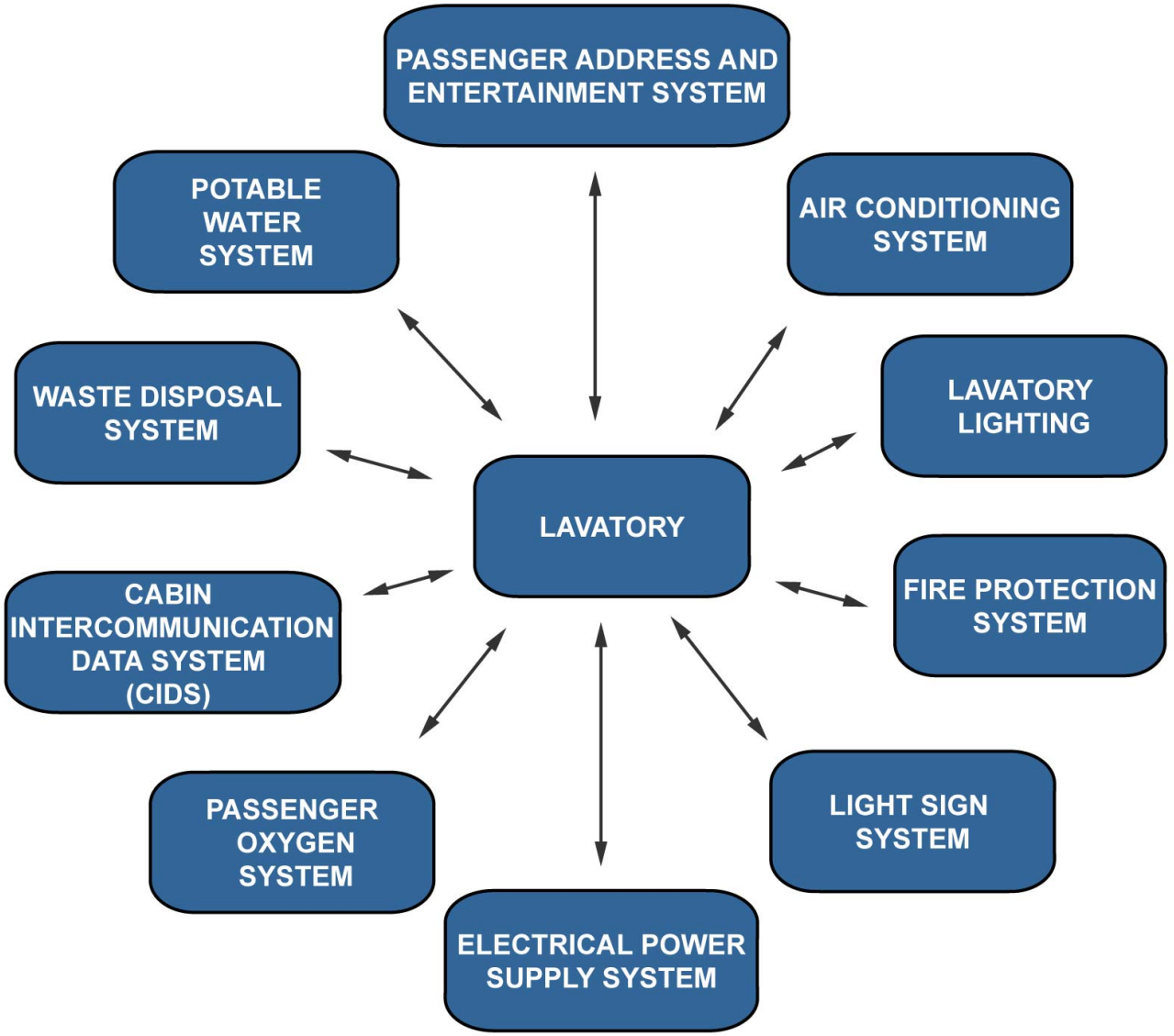

LAVATORY - INTERFACES

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PASSENGER COMPARTMENT D/O (3)

LAVATORY (continued)

COMPONENTS (PART 1/2)

These following components are found in the lavatories:
- toilet assembly,
- toilet shroud,
- hand grip,
- baby nursing table,
- toilet seat,
- toilet flush switch,
- light,
- service cabinet,
- mirror,
- soap dispenser,
- water faucet,
- washbasin,
- waste chute,
- ashtray,
- door lock,
- door.

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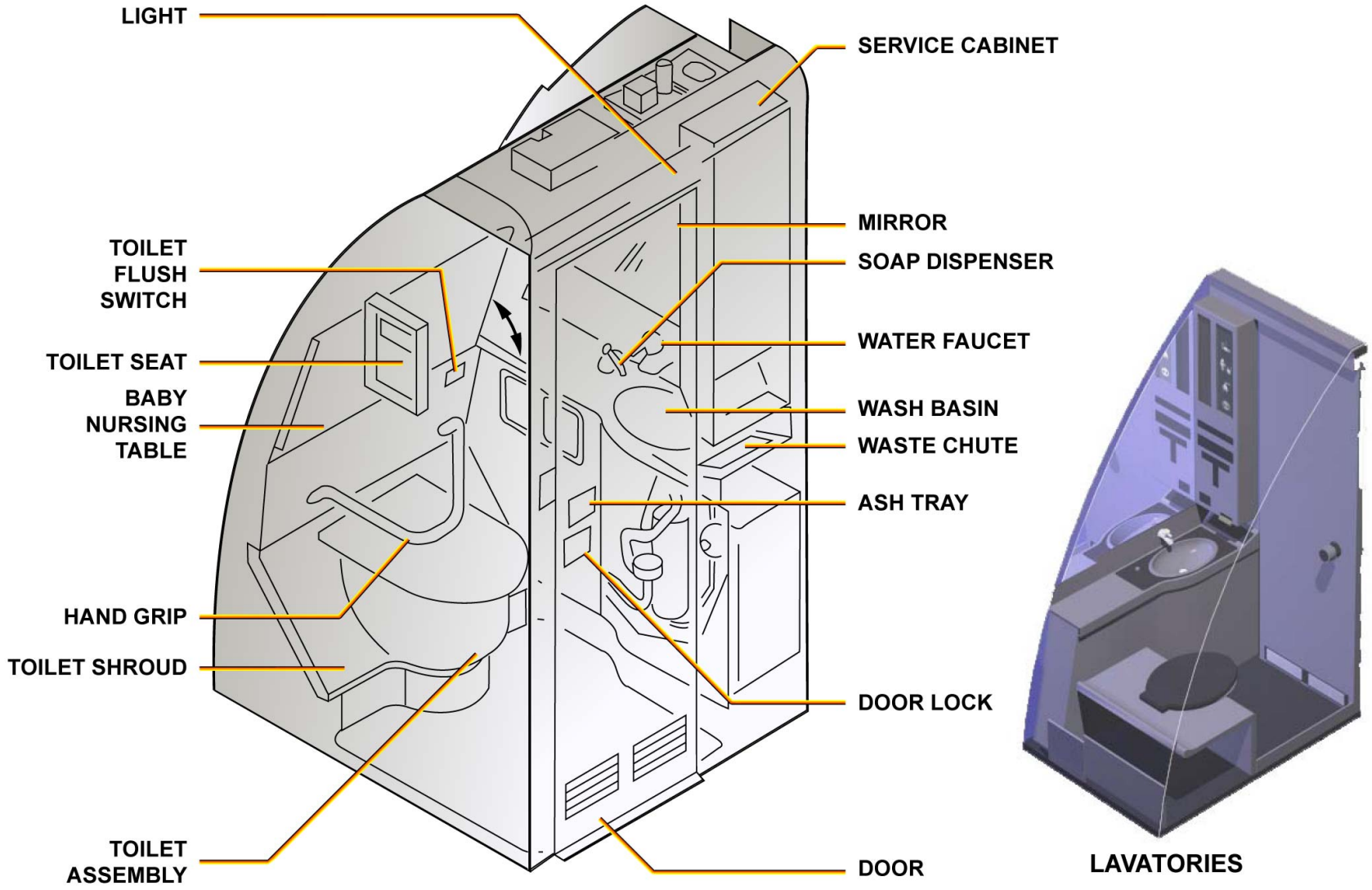

LAVATORY - COMPONENTS (PART 1/2)

G9409341 - GAUT0T0 - FM25D2000000002

PASSENGER COMPARTMENT D/O (3)

LAVATORY (continued)

COMPONENTS (PART 2/2)

The following components are also included in the lavatories:
- access door,
- water heater,
- fire extinguisher,
- waste box,
- door micro switch,
- air extraction,
- emergency oxygen container,
- smoke detector,
- loudspeaker,
- individual air outlet,
- dispenser,
- PSU.

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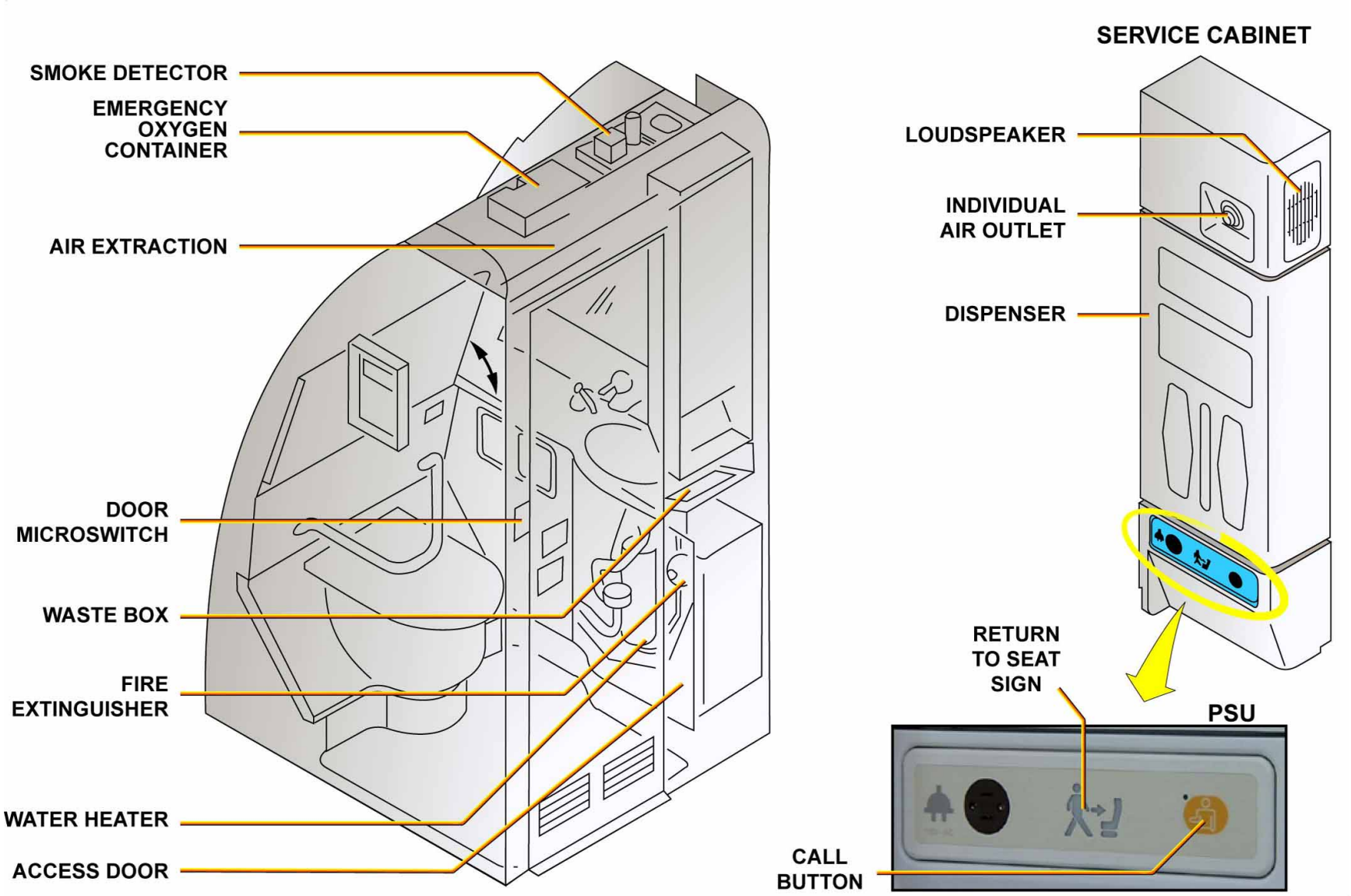

LAVATORY - COMPONENTS (PART 2/2)

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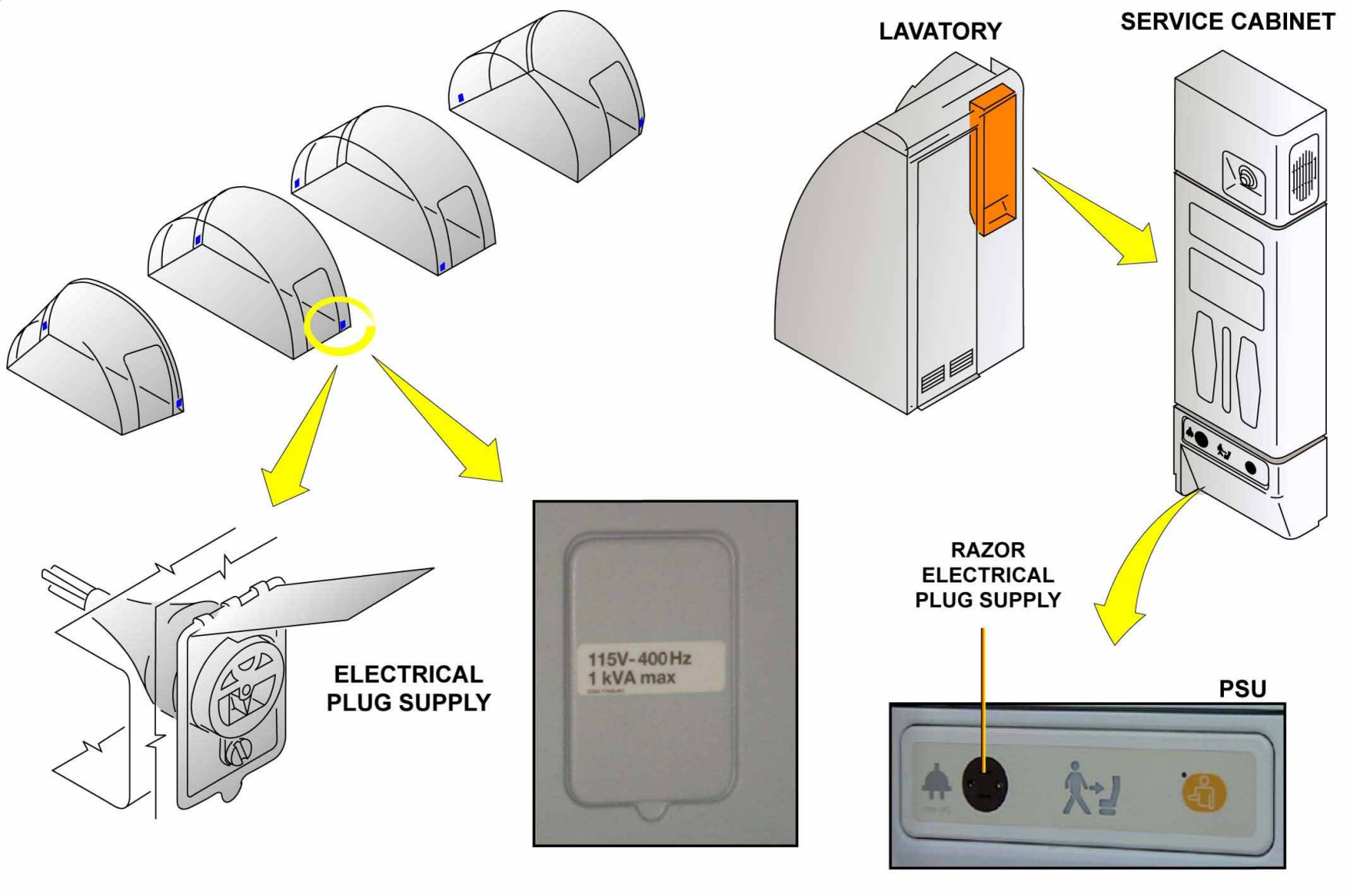
PASSENGER COMPARTMENT D/O (3)

ELECTRICAL PLUG SUPPLY

The electrical service supply is installed in the cabin and the cargo compartments. It supplies electrical power to the socket that you can use for electrical equipment. The electrical plug supply is installed near every entrance door. There is an electrical razor plug supply installed in each lavatory.



ELECTRICAL PLUG SUPPLY

CREW REST COMPARTMENT D/O (3)

GENERAL

The crewmembers can rest during long flights in three compartments, the Flight Crew Rest Compartment (FCRC), the Lower Deck Mobile Crew Rest (LD-MCR) and the Bulk Crew Rest Compartment (BCRC).

NOTE: Note: All the crew rest compartments are optional and can be installed according to customer requests.

The FCRC is located in the cabin, behind the cockpit and ahead of the right FWD passenger/crew door. This is a compartment for two persons from the flight crew who can sit or lie on the installed bunks.
The LD-MCR is installed in the front part of the aft cargo compartment and it can be removed or installed when required.
The BCRC is located in the rear part of the AFT cargo compartment. It is installed for crew rest on long flights.
The crew can access the LD-MCR and the BCRC through staircase housings, which are installed in the cabin.

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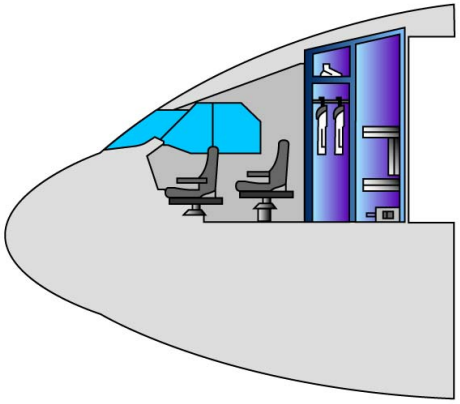
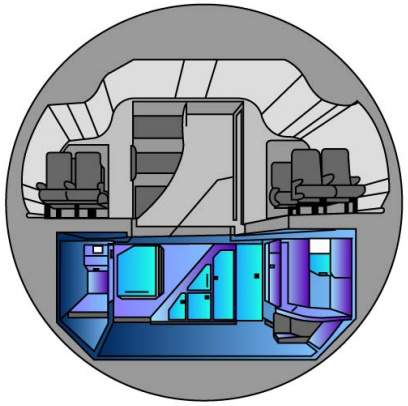
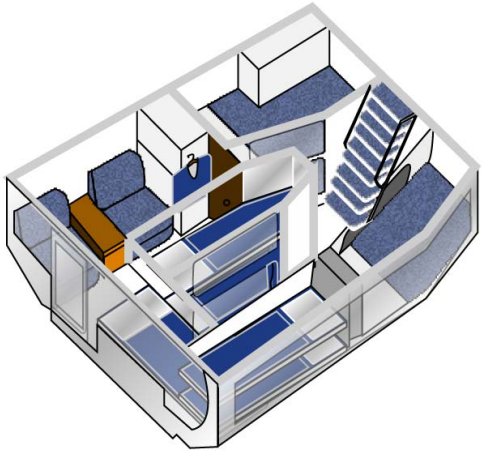
FLIGHT CREW REST COMPARTMENT (FCRC)



LOWER DECK MOBILE CREW REST (LD-MCR)



BULK CREW REST COMPARTMENT (BCRC)



GENERAL

CREW REST COMPARTMENT D/O (3)

FLIGHT CREW REST COMPARTMENT

This topic presents the components, power supply, attachment and interfaces of the FCRC.

FCRC COMPONENTS

There are two bunks. The upper bunk can be folded to the backrest position to allow the crew to sit on the lower bunk. A belt restraint and a curtain are installed at each bunk. The crew can use a folding table if installed.
For stowage of coats, flight crew bags, bed sheets, pillows and emergency equipment there are stowage compartments.

FCRC EQUIPMENT

The FCRC is equipped with:
- a minimum of one fluorescent tube with ballast unit and a minimum of one low intensity light at the floor level,
- an EXIT sign and a minimum of one NO SMOKING/FASTEN SEAT BELT sign,
- an emergency light controlled through the cabin emergency lighting system,
- a Passenger Service Unit (PSU) above each bunk, and its individual air outlet, reading light and reading light ON/OFF switch.

The PSU can be equipped with:
- a NO SMOKING/FASTEN SEAT BELT sign,
- an audio connector, a reading light dimmer control,
- an emergency oxygen container,
- a Passenger Control Unit (PCU)
- a reading light Printed Circuit Board (PCB) to supply electrical power to the reading lights.

The Cabin Intercommunication Data System (CIDS) controls the Additional Attendant Panel (AAP), the interphone handset and the loudspeakers. A razor socket with static inverter is installed in the FCRC. The razor socket supplies power to an electric razor. A smoke detector is installed and it continuously monitors the condition of the air. Optionally, a multi-function handset with a telephone and a PCU, and a Video Display Unit (VDU) above each bunk, can be installed.

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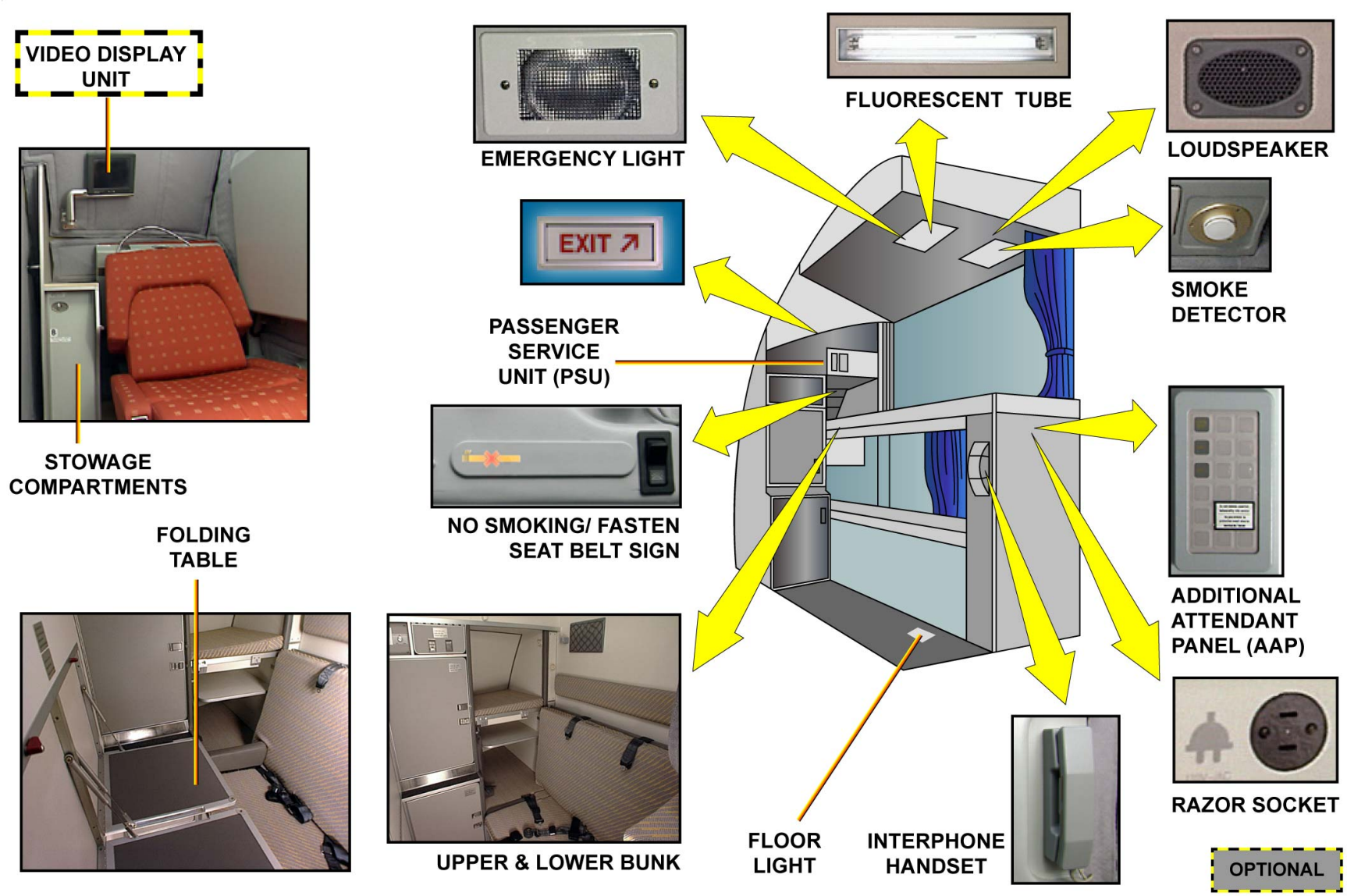

FLIGHT CREW REST COMPARTMENT - FCRC COMPONENTS & FCRC EQUIPMENT

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CREW REST COMPARTMENT D/O (3)

FLIGHT CREW REST COMPARTMENT (continued)

INTERFACES

The FCRC has interfaces with:
- the cabin air distribution and recirculation system,
- the CIDS,
- the individual air distribution system,
- the electrical power system,
- the auxiliary areas smoke detection system,
- the general illumination system,
- the emergency lighting system,
- the passenger oxygen system,
- the passenger attendant calls light system,
- the passenger and cabin attendant lights system.

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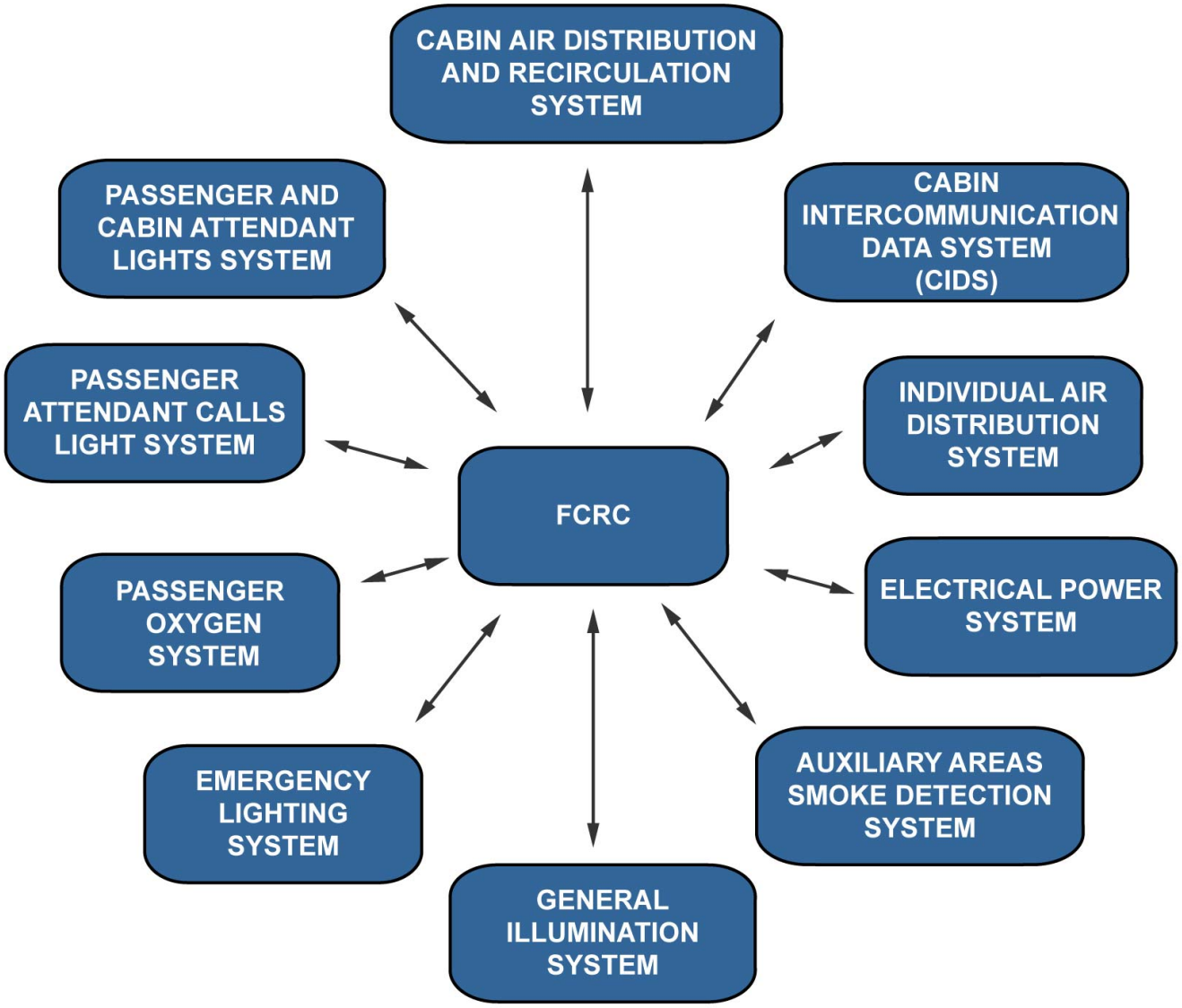
CABIN AIR DISTRIBUTION AND RECIRCULATION SYSTEM
PASSENGER AND CABIN ATTENDANT LIGHTS SYSTEM
CABIN INTERCOMMUNICATION DATA SYSTEM (CIDS)
PASSENGER ATTENDANT CALLS LIGHT SYSTEM
INDIVIDUAL AIR DISTRIBUTION SYSTEM
FCRC
PASSENGER OXYGEN SYSTEM
ELECTRICAL POWER SYSTEM
EMERGENCY LIGHTING SYSTEM
AUXILIARY AREAS SMOKE DETECTION SYSTEM
GENERAL ILLUMINATION SYSTEM

FLIGHT CREW REST COMPARTMENT - INTERFACES

G9409341 - GAUT0T0 - FM25D3000000002

CREW REST COMPARTMENT D/O (3)

FLIGHT CREW REST COMPARTMENT (continued)

ATTACHMENTS

The FCRC is attached to a hard point in the cabin floor structure and to the A/C structure with tie-rods.

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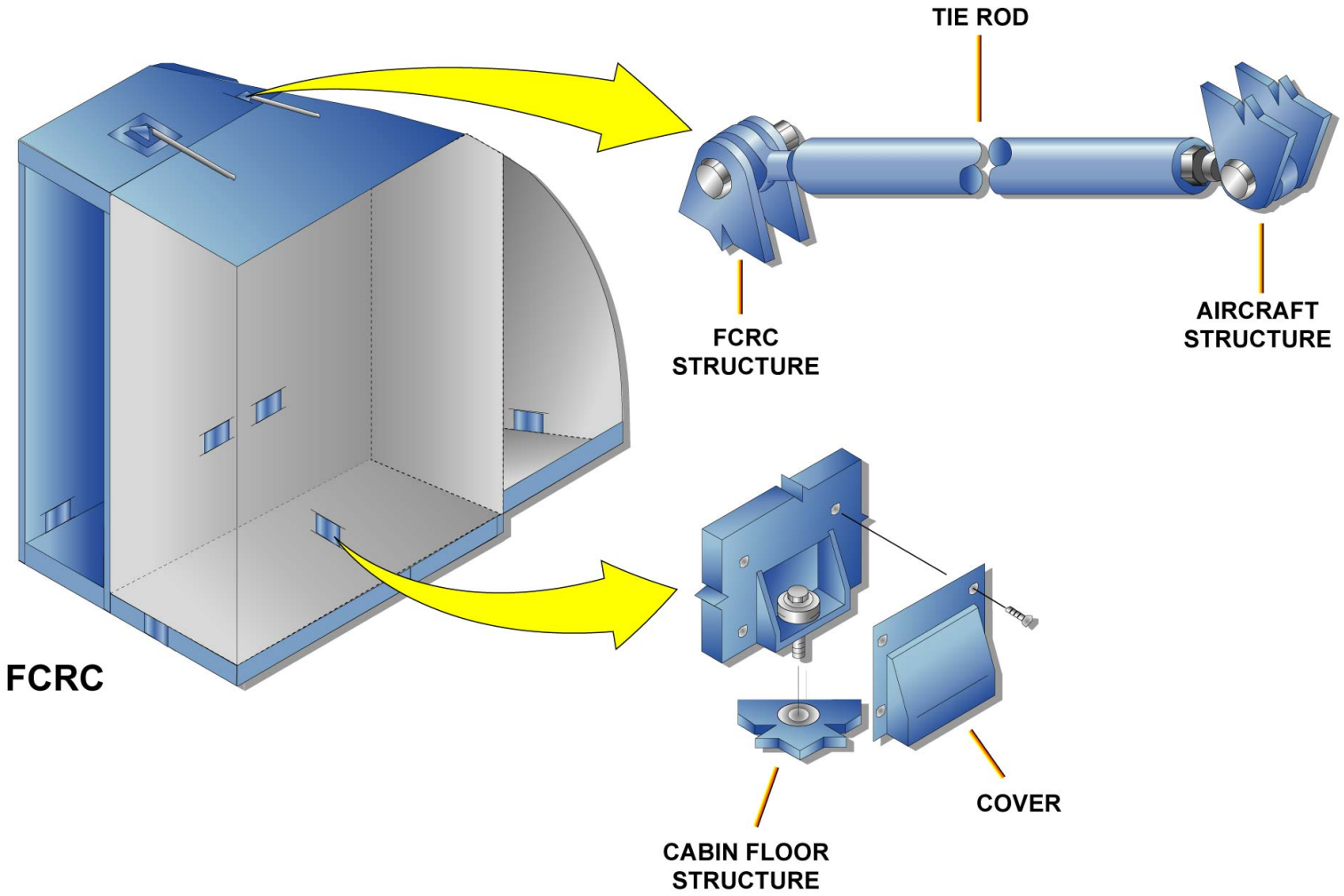

FLIGHT CREW REST COMPARTMENT - ATTACHMENTS

CREW REST COMPARTMENT D/O (3)

LOWER DECK MOBILE CREW REST

The LD-MCR components, power supply, attachments and interfaces will be developed.

COMPONENTS DESCRIPTION

The LD-MCR has two types of illumination, fluorescent tube with ballast units and low intensity lights at floor level. There is an EXIT sign near the staircase and if installed NO SMOKING/FASTEN SEAT BELT signs.

There is a cabin interphone to allow communication between the LD-MCR and other attendant station. The loudspeakers are connected to the passenger address system. The CIDS controls the light through the AAP, the interphone and the loudspeakers.

Bunks are permanently installed with belt restraints for the safety of the crew. The bunks are separated by dividing walls and curtains.

At different locations there are stowage compartments. Some of them contain the emergency equipment.

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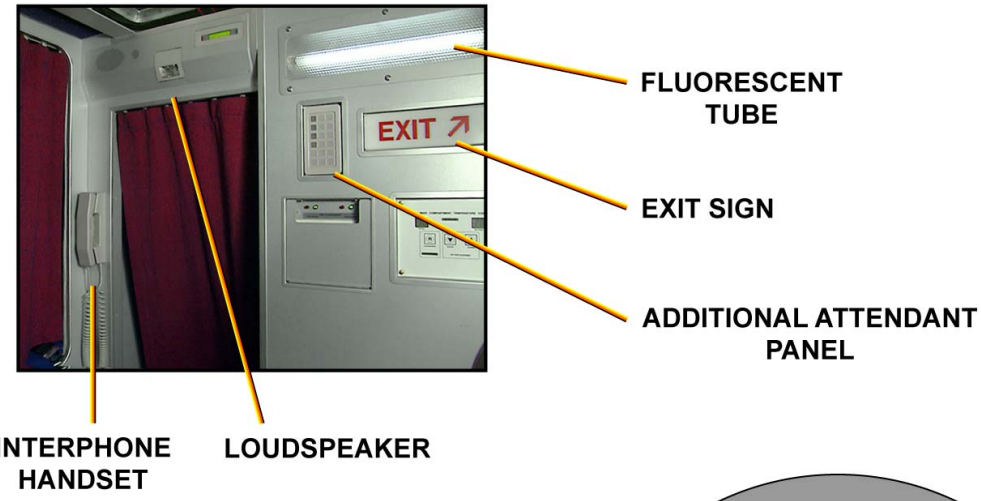

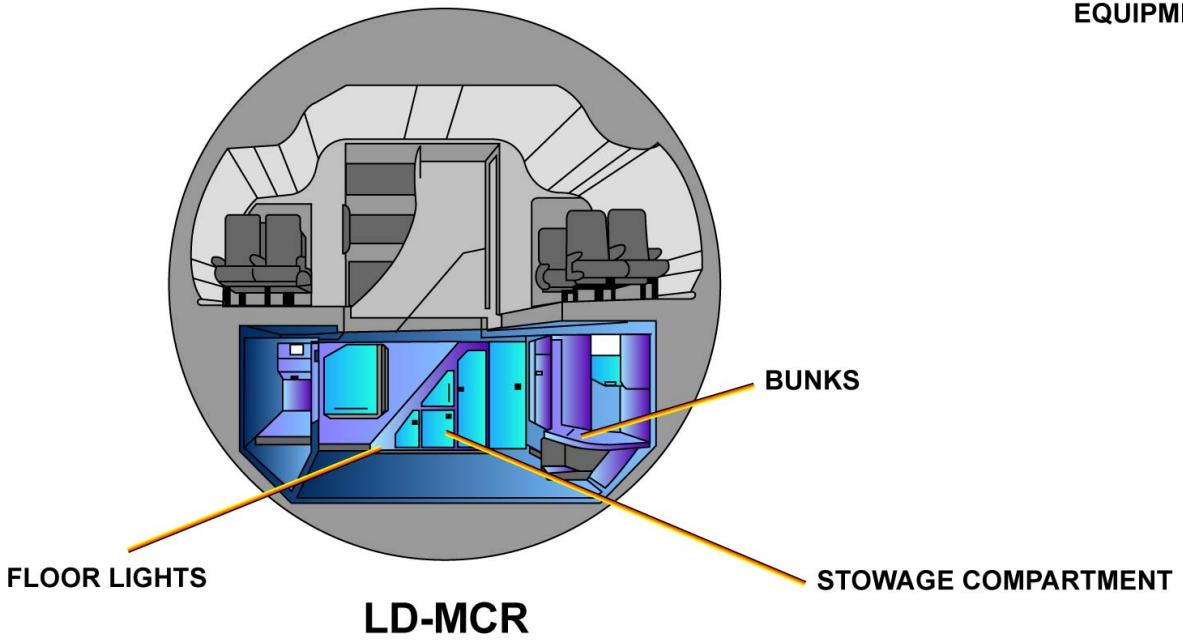

LOWER DECK MOBILE CREW REST - COMPONENTS DESCRIPTION

CREW REST COMPARTMENT D/O (3)

LOWER DECK MOBILE CREW REST (continued)

INTERFACES

The LD-MCR has interfaces with:
- the cabin air distribution and recirculation system,
- the CIDS,
- the electrical power system,
- the lower deck Cargo Loading System (CLS),
- the auxiliary-areas smoke detection system,
- the auxiliary-areas fire extinguishing system,
- the Landing Gear Control and Interface Unit (LGCIU),
- the general illumination system,
- the emergency lighting system,
- the passenger oxygen system.

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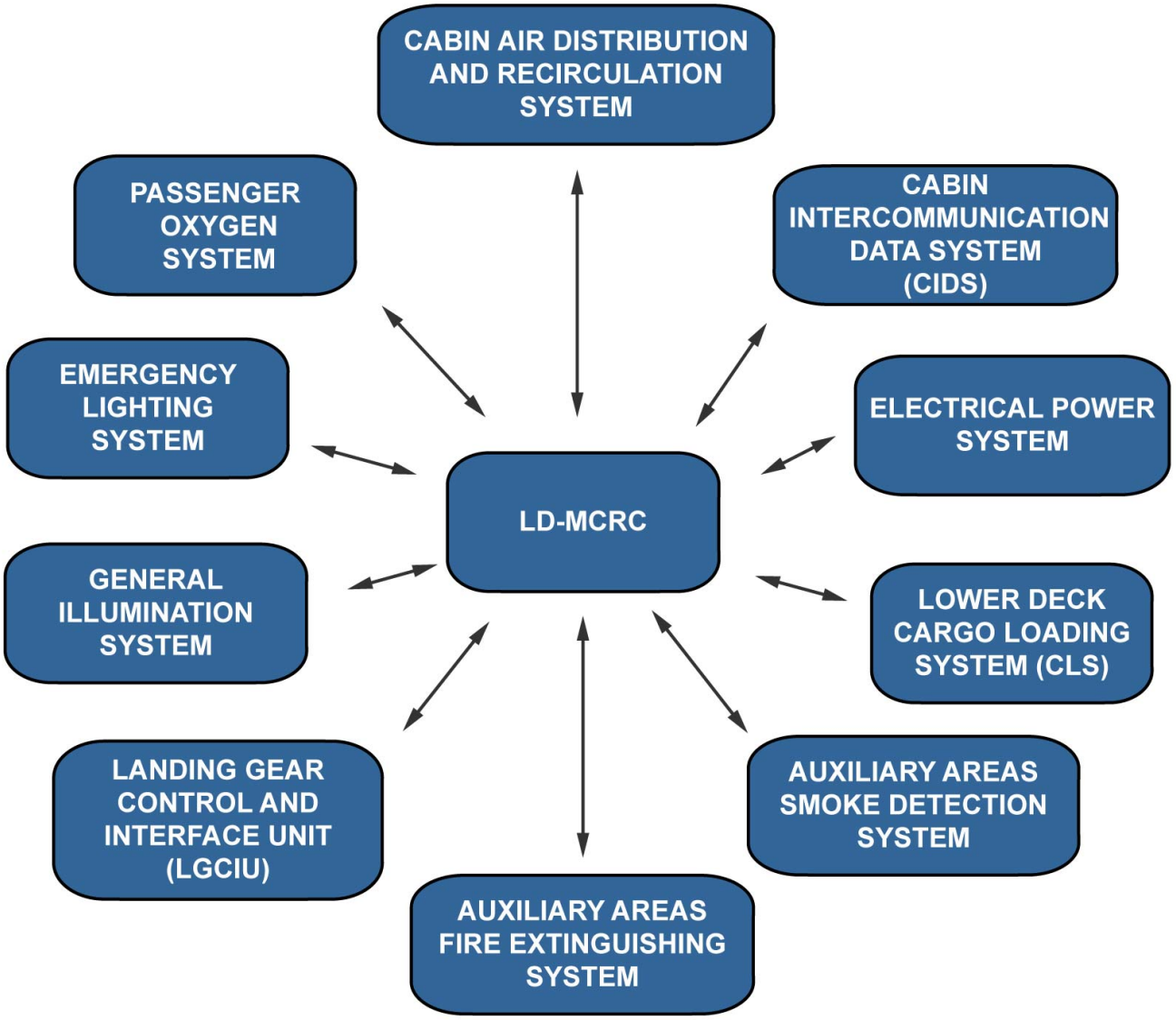
CABIN AIR DISTRIBUTION AND RECIRCULATION SYSTEM
PASSENGER OXYGEN SYSTEM
CABIN INTERCOMMUNICATION DATA SYSTEM (CIDS)
EMERGENCY LIGHTING SYSTEM
ELECTRICAL POWER SYSTEM
LD-MCRC
GENERAL ILLUMINATION SYSTEM
LOWER DECK CARGO LOADING SYSTEM (CLS)
LANDING GEAR CONTROL AND INTERFACE UNIT (LGCIU)
AUXILIARY AREAS SMOKE DETECTION SYSTEM
AUXILIARY AREAS FIRE EXTINGUISHING SYSTEM

LOWER DECK MOBILE CREW REST - INTERFACES

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CREW REST COMPARTMENT D/O (3)

LOWER DECK MOBILE CREW REST (continued)

SYSTEM INTERFACE COMPARTMENT

The systems interface compartment is located in the lower right side of the LD-MCR.
The compartment contains the air-conditioning connector and the electrical systems connectors. Each interface connector has a parking position installed in the compartment. An additional electrical systems / power supply connector is located in the upper front right side of the LD-MCR.

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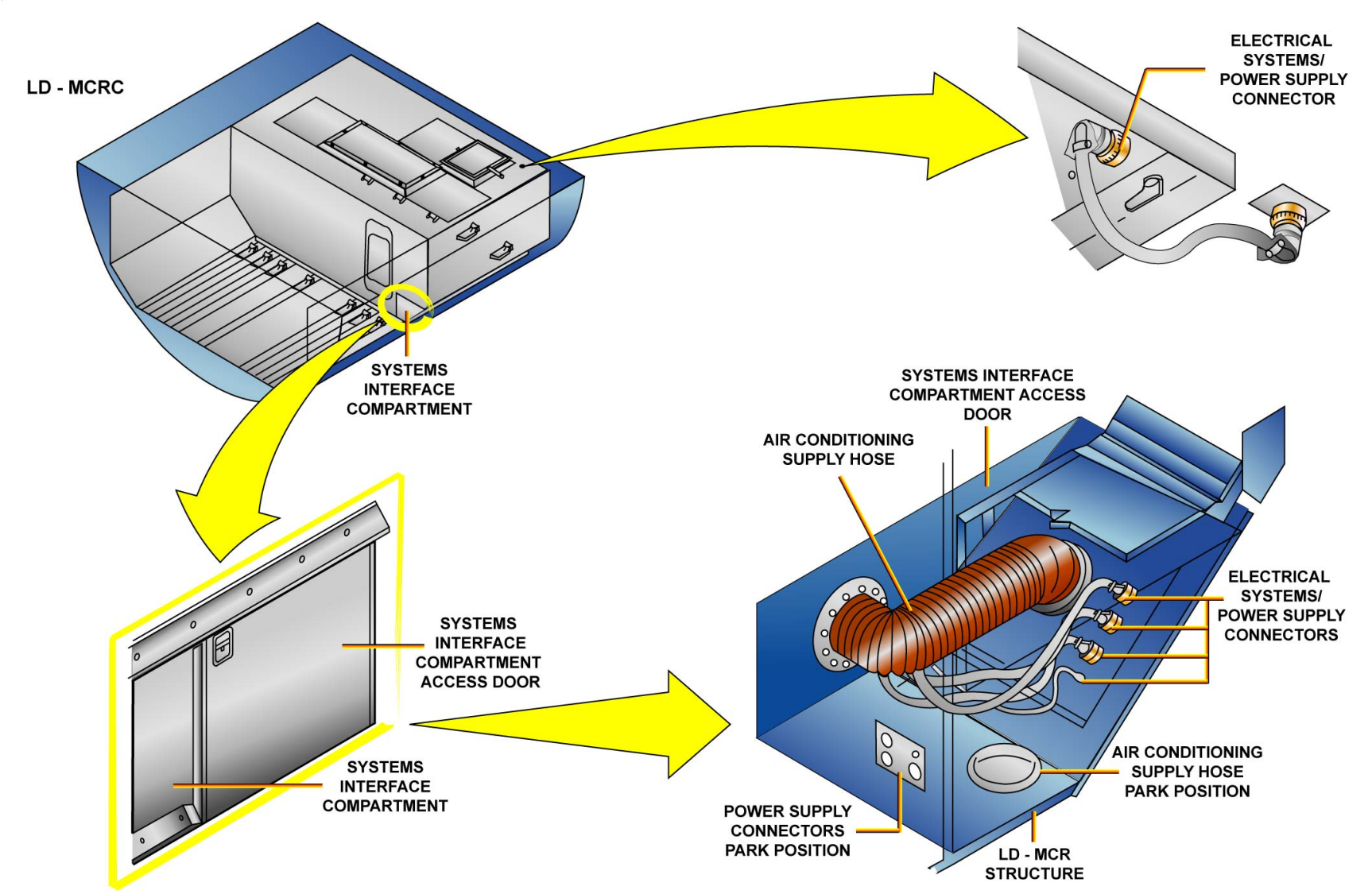
LD - MCRC
ELECTRICAL SYSTEMS/ POWER SUPPLY CONNECTOR
SYSTEMS INTERFACE COMPARTMENT
SYSTEMS INTERFACE COMPARTMENT ACCESS DOOR
AIR CONDITIONING SUPPLY HOSE
SYSTEMS INTERFACE COMPARTMENT ACCESS DOOR
ELECTRICAL SYSTEMS/ POWER SUPPLY CONNECTORS
SYSTEMS INTERFACE COMPARTMENT
AIR CONDITIONING SUPPLY HOSE PARK POSITION
POWER SUPPLY CONNECTORS PARK POSITION
LD - MCR STRUCTURE

LOWER DECK MOBILE CREW REST - SYSTEM INTERFACE COMPARTMENT

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CREW REST COMPARTMENT D/O (3)

LOWER DECK MOBILE CREW REST (continued)

ATTACHMENT

When the LD-MCR is installed, it is held in its position with:
- the XZ latches at the FWD end,
- the YZ latches at the left and right hand sides,
- the retractable XZ double latches at the aft end.

The LD-MCR is operated as a classical cargo container (loading, locking, unlocking and unloading) and has also the same shape (dimensions).

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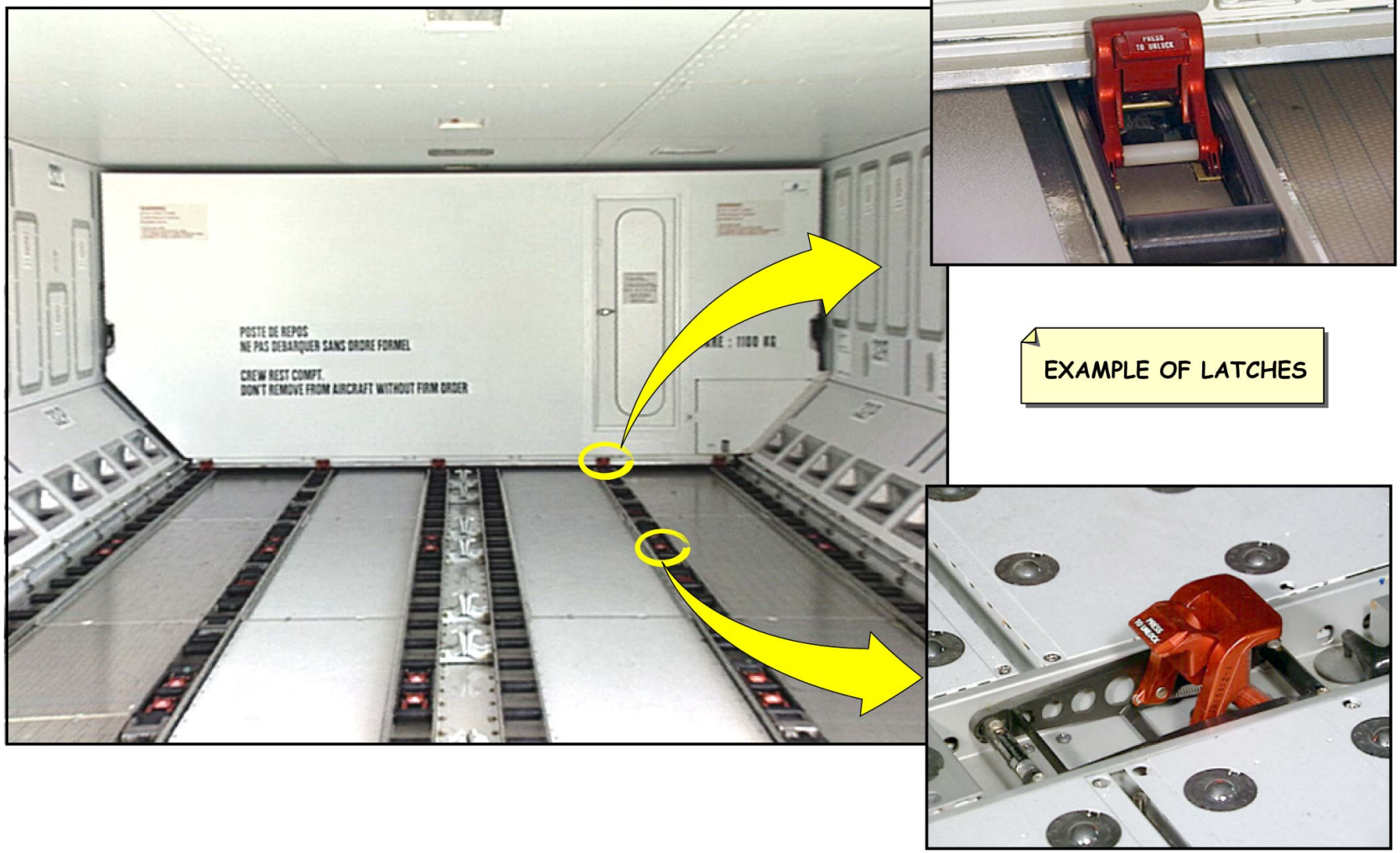
LOWER DECK-CREW REST COMPARTMENT


POSTE DE REPOS
NE PAS DEBARQUER SANS ORDRE FORMEL
CREW REST COMPT.
DON'T REMOVE FROM AIRCRAFT WITHOUT FIRM ORDER
EXAMPLE OF LATCHES

LOWER DECK MOBILE CREW REST - ATTACHMENT

CREW REST COMPARTMENT D/O (3)

LOWER DECK MOBILE CREW REST (continued)

LD-MCR STAIRCASE HOUSING

The staircase housing is the compartment giving access to the LD-MCR when it is installed. A stowage compartment is installed in the staircase housing opposite the access door.
Electrical power to the staircase housing is supplied through the A/C interface connectors.
The staircase housing case is attached:
- to the seat tracks,
- with tie-rods from the upper attachments to the A/C structure,
- to a hard point in the cabin floor structure if necessary.

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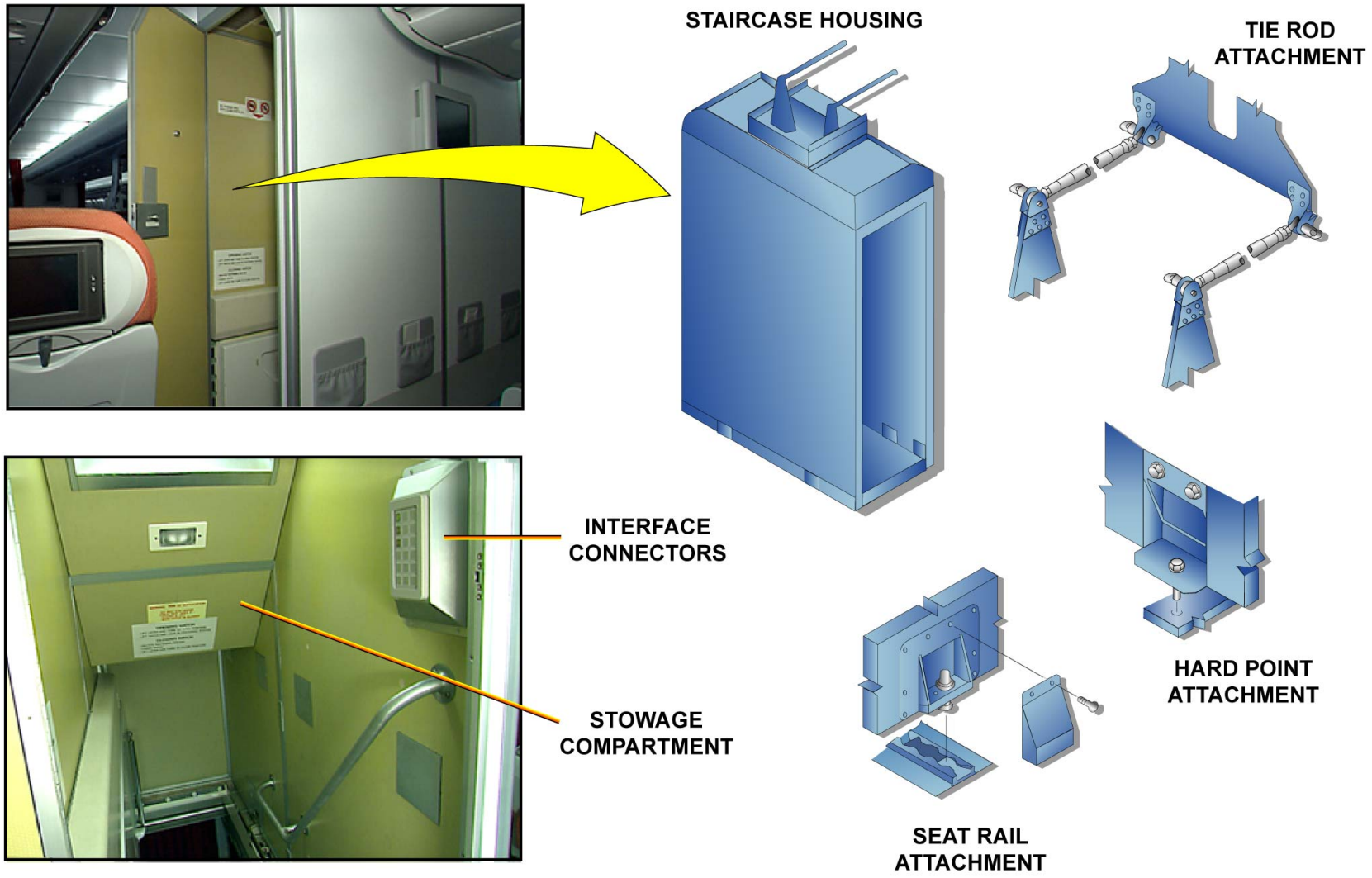

LOWER DECK MOBILE CREW REST - LD-MCR STAIRCASE HOUSING

CREW REST COMPARTMENT D/O (3)

BULK CREW REST COMPARTMENT (BCRC)

This topic introduces the system description, power supply, interfaces and attachments of the BCRC.

SYSTEM DESCRIPTION

The BCRC is a permanent installation made of sub Assembles/units and a cargo frame. It is installed on shock-mounts, which are attached to the A/C structure. Tie-rods are attached to the BCRC and the A/C structure and hold the BCRC in position.
The BCRC has insulation protection from cold air temperature and to decrease the noise level.

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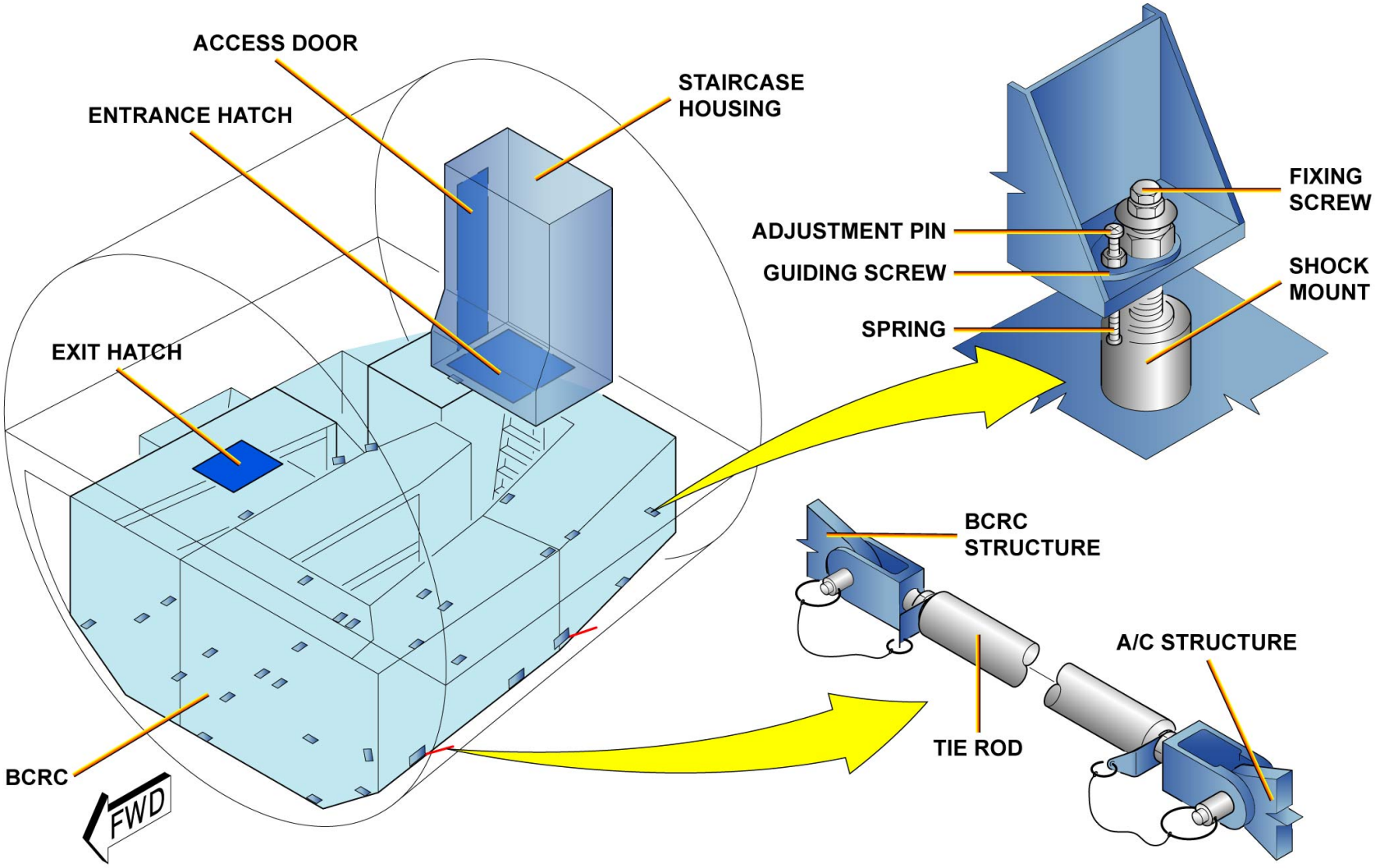

BULK CREW REST COMPARTMENT (BCRC) - SYSTEM DESCRIPTION

CREW REST COMPARTMENT D/O (3)

BULK CREW REST COMPARTMENT (BCRC) (continued)

INTERFACES

The BCRC has interfaces with:
-the cabin air distribution and recirculation system,
-the Cabin Intercommunication Data System (CIDS),
-the electrical power system,
-the auxiliary-areas smoke detection system,
-the auxiliary-areas fire extinguishing system,
-the general light system,
-the emergency lighting system,
-the passenger oxygen system.

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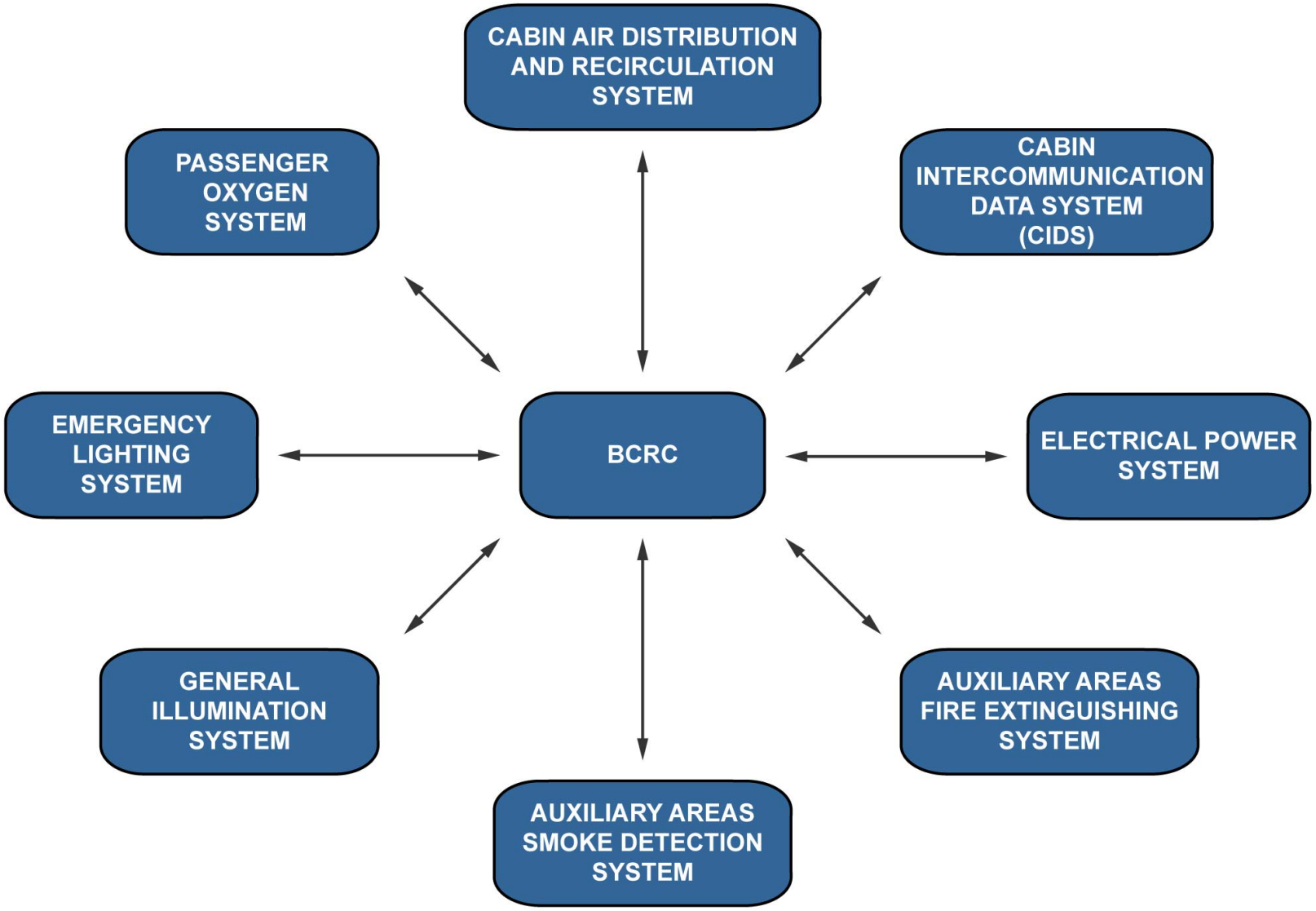

BULK CREW REST COMPARTMENT (BCRC) - INTERFACES

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CREW REST COMPARTMENT D/O (3)

BULK CREW REST COMPARTMENT (BCRC) (continued)

BCRC STAIRCASE HOUSING

The staircase housing is installed in the cabin Z260 above the BCRC and the BCRC entrance hatch.
The staircase housing is attached:
-to the seat tracks,
-with tie-rods from the upper attachments to the A/C or galley structure,
-to hard points in the cabin floor structure.

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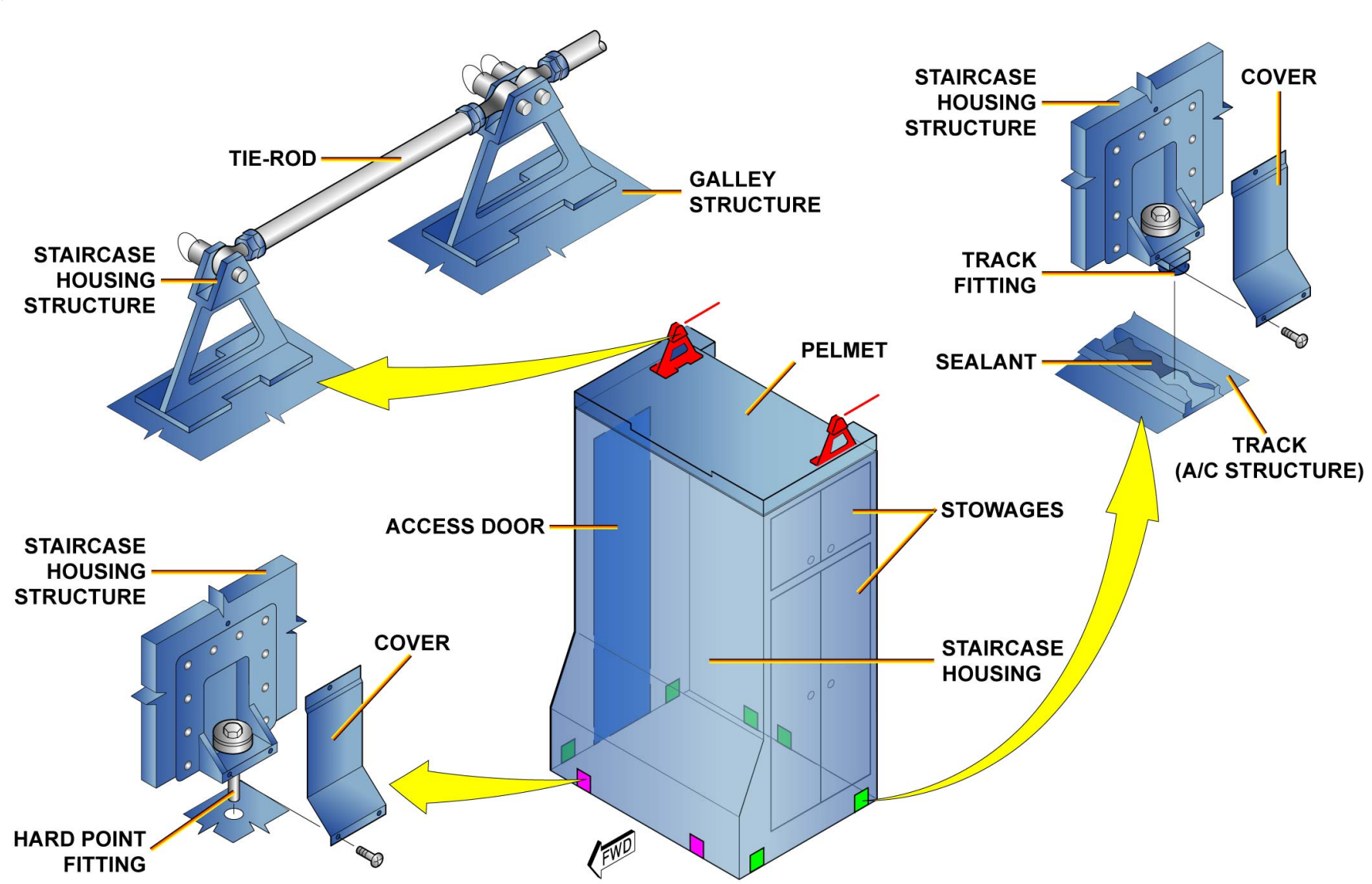

BULK CREW REST COMPARTMENT (BCRC) - BCRC STAIRCASE HOUSING

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CREW REST COMPARTMENT D/O (3)

BULK CREW REST COMPARTMENT (BCRC) (continued)

EMERGENCY EXIT HATCH

An emergency exit hatch is installed in the cabin z260. It can be opened from inside the BCRC and from the cabin when the floor covering is lifted. The emergency exit hatch lets persons leave the BCRC when the staircase is blocked.

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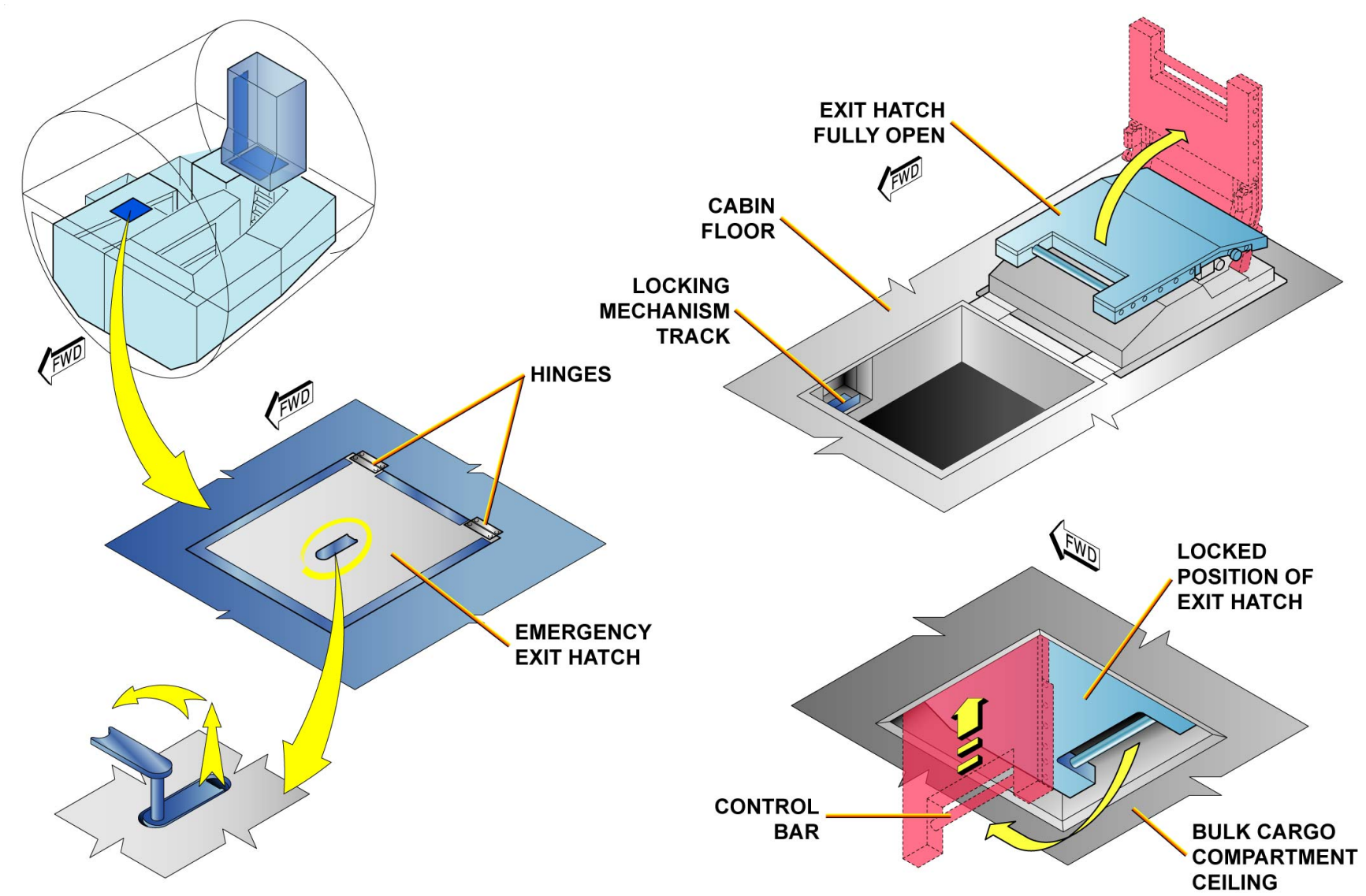

BULK CREW REST COMPARTMENT (BCRC) - EMERGENCY EXIT HATCH

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CREW REST COMPARTMENT D/O (3)

AIR CONDITIONING SYSTEM/EMERGENCY OXYGEN

The cabin air distribution and recirculation system supplies air conditioning to the FCRC and the LD-MCR. In each rest room there are a heater, a temperature controller, a temperature selector and individual air outlets.
Emergency oxygen containers are installed in different locations in both crew rest compartments.

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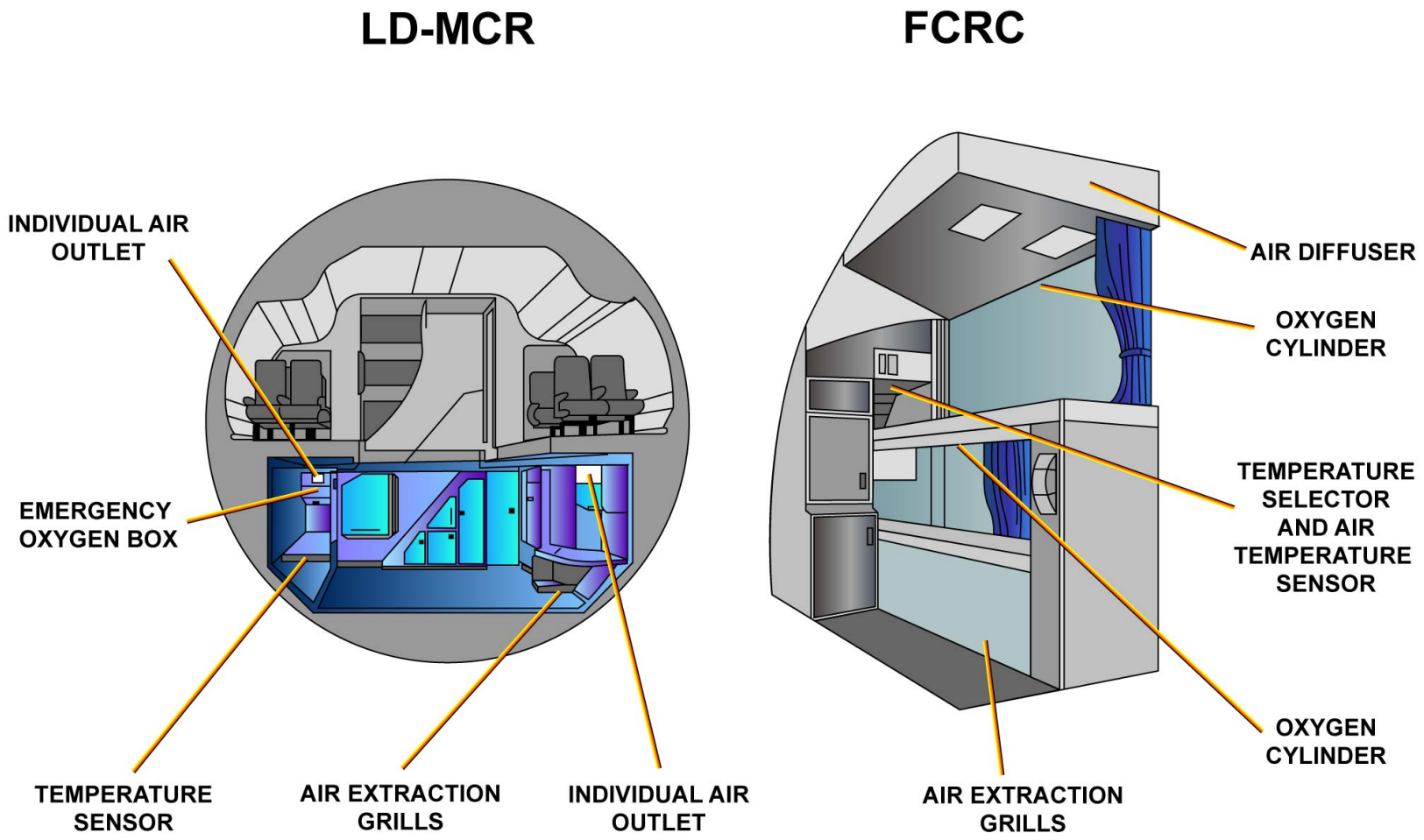
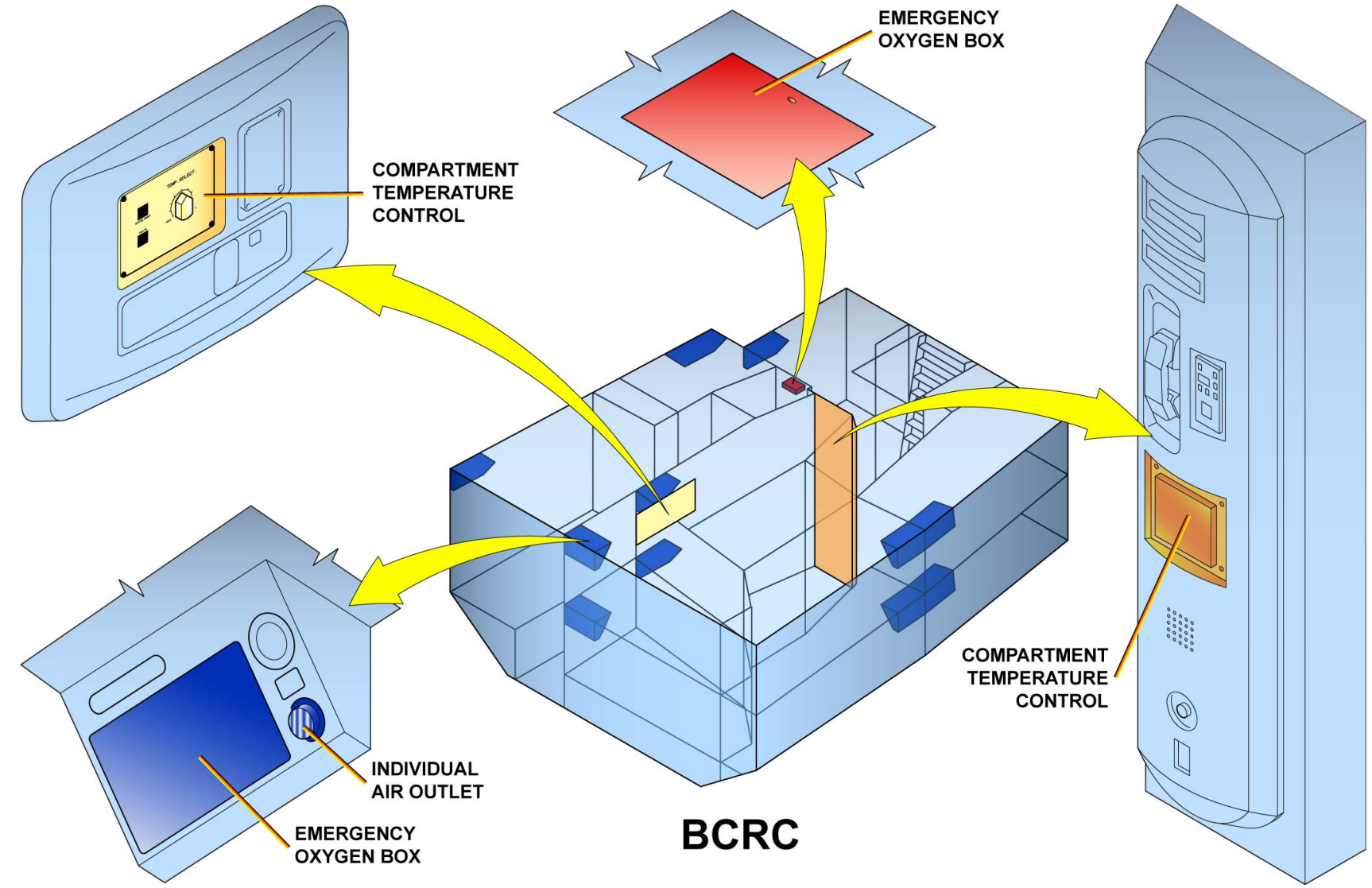


AIR CONDITIONING SYSTEM/EMERGENCY OXYGEN



AIR CONDITIONING SYSTEM/EMERGENCY OXYGEN

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GALLEY TROLLEY COMPARTMENT COOLING SYSTEM D/O (3)

PRESENTATION

Each air chiller system is composed of:
- the air chiller unit,
- the water drain,
- the condenser discharge duct,
- the chilled air in and out ducting.

The air chiller system keeps food and drinks (that are stored in the trolley) cold. The air chiller units are available with different cooling capacities.

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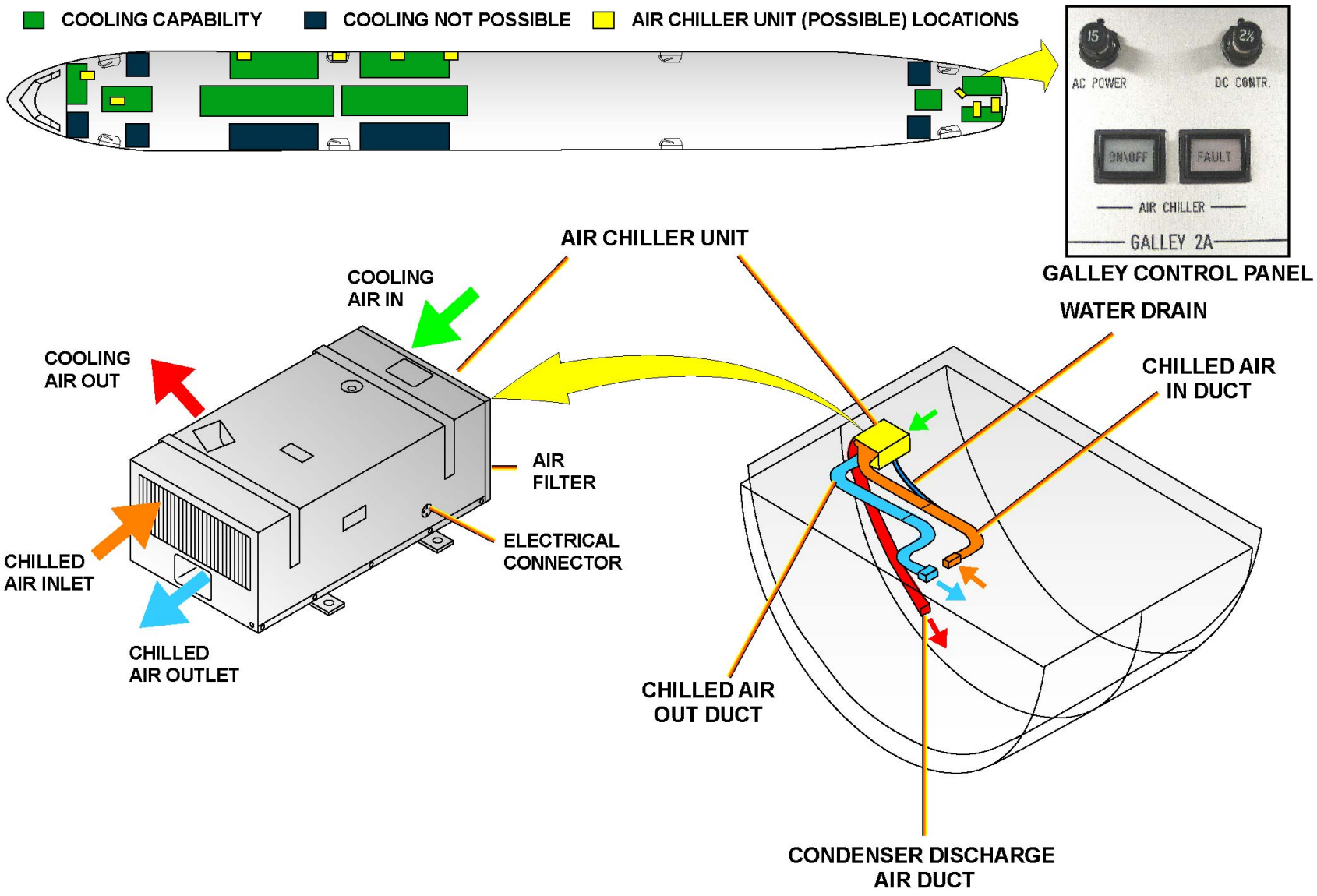

PRESENTATION

GALLEY TROLLEY COMPARTMENT COOLING SYSTEM D/O (3)

GENERAL DESCRIPTION

The air chiller units supply chilled air to cool down the trolley compartment in the connected galleys. Each air chiller unit is connected to one galley only and operates independently. The chilled air is supplied to the galley through insulated ducts. The air returning from the galley is passed through an evaporator, chilled and return to the galley in a closed loop. The condenser discharge duct blows the cooling air out of the air chiller unit. The drain water of the air chiller unit drains into the aircraft bilge drainage system or the waste-water drain system of the galley.

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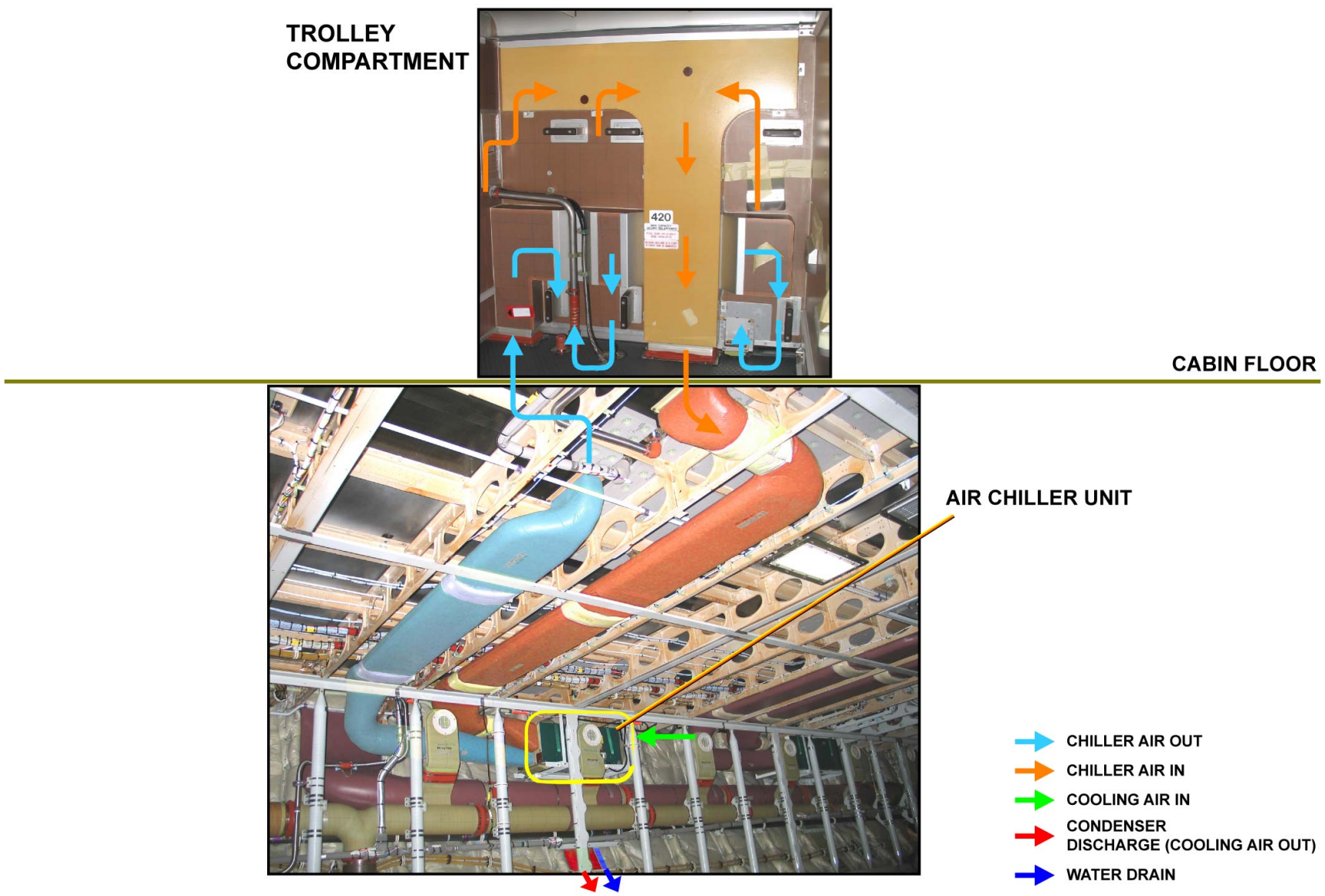


GENERAL DESCRIPTION

GALLEY TROLLEY COMPARTMENT COOLING SYSTEM D/O (3)

ELECTRICAL CONTROL

ELECTRICAL POWER

The air chiller unit is supplied by two external electrical power supply sources connected to a single receptacle: permanently connected 115V AC 3 phases supply and externally switched 28V DC.

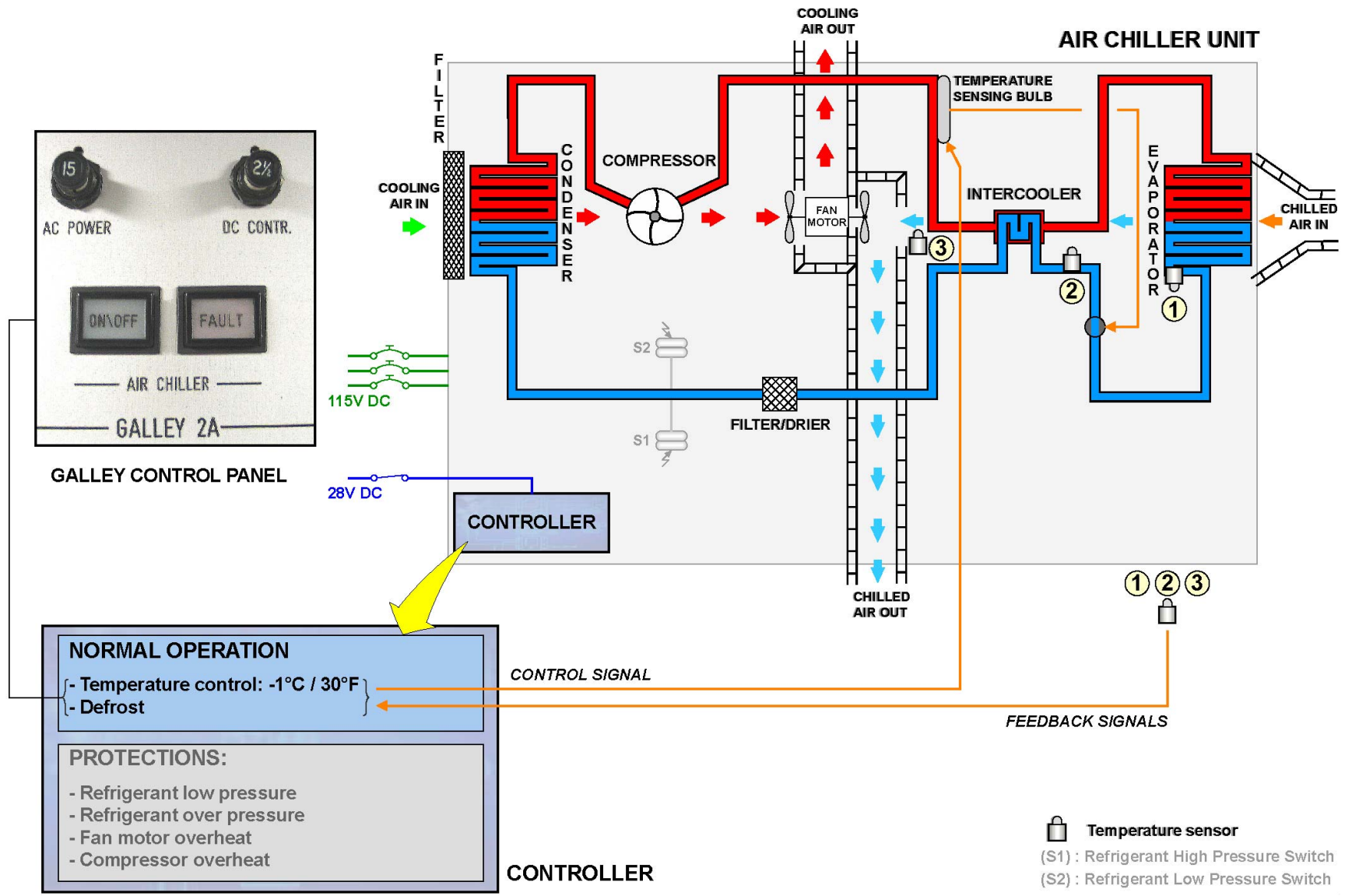
NORMAL OPERATION

A controller adjusts the chilled air out temperature by electronically controlling a heater (that is wrapped around the thermal expansion valve) to maintain the chilled air out temperature at -1°C/30°F. The evaporator, refrigerant and chilled air out temperature sensors give feedback signals to the controller.
A defrost control circuit will melt ice that has formed on the evaporator. The defrost function is activated when ice blockage causes the evaporator temperature to drop below a preset temperature.

PROTECTIONS

The air chiller automatically shutdowns, the ON light on the galley control panel goes off and the fault light comes on in case of persistent:
- refrigerant LP (leak),
- refrigerant overpressure,
- fan motor overheat,
- compressor overheat.

A reset is done with the ON/OFF SW on the galley control panel.
NOTE: The protections can be cause by very hot ambient air temperature, loss of proper cooling air circulation (dirty filter) or incorrect electrical phase connections.



ELECTRICAL CONTROL - ELECTRICAL POWER ... PROTECTIONS

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EMERGENCY EQUIPMENT COCKPIT D/O (3)

ESCAPE ROPE

This topic describes the emergency escape from the cockpit using the escape rope that is located above each sliding window.

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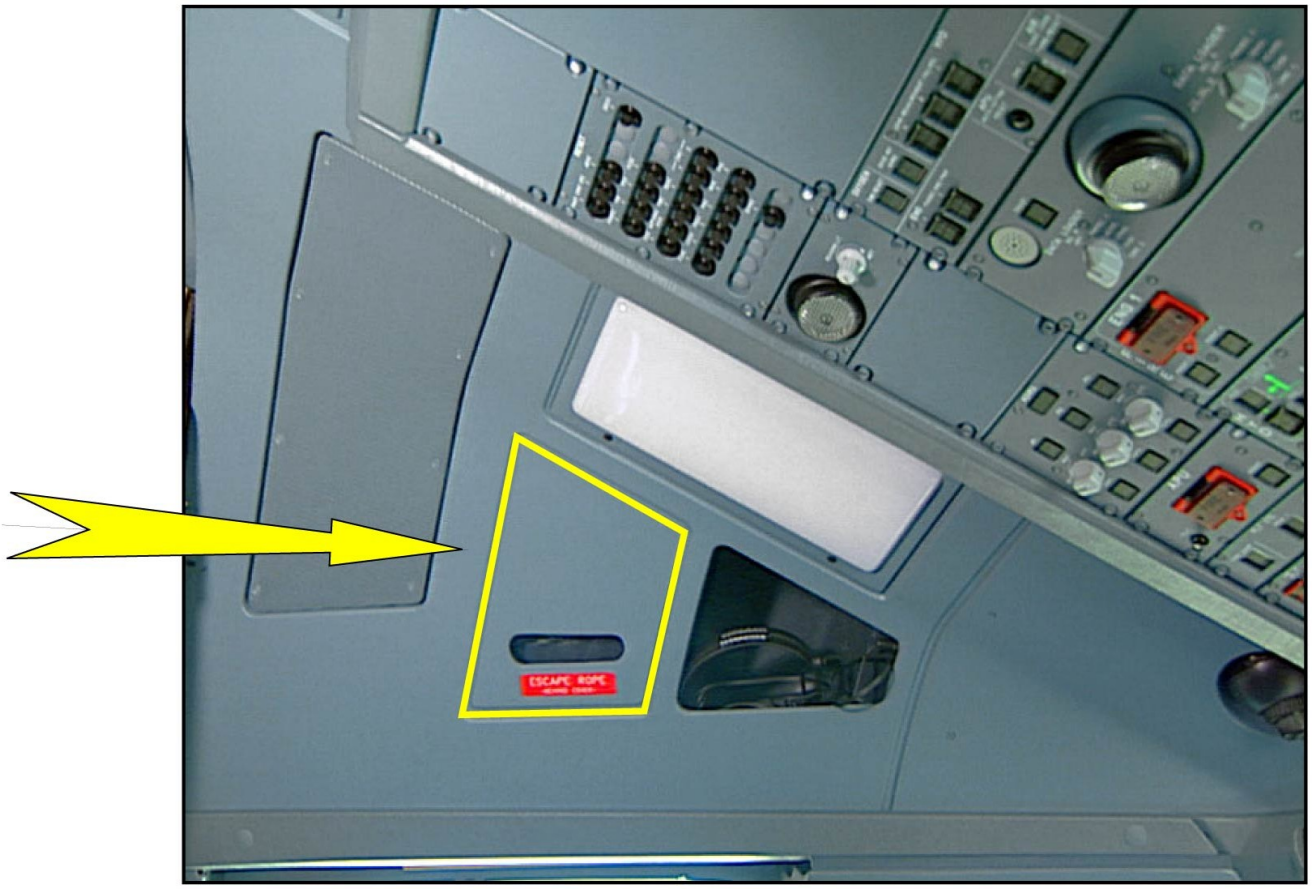

ESCAPE ROPE LOCATION

ESCAPE ROPE

EMERGENCY EQUIPMENT COCKPIT D/O (3)

ESCAPE ROPE (continued)

COMPONENT DESCRIPTION

If an emergency occurs on ground, the cockpit crew can use descent devices to leave the cockpit. When the cabin is not pressurized, each sliding window can be opened, using a control handle, which is located FWD of the sliding window. The windshield panels are provided with an open-position locking system.
A 6.7 m. (22 feet) long knotted rope is located in a stowage compartment above each sliding window. These stowage compartments are marked by red labels. The ropes and their attachments can support a load of 900 kg.

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ESCAPE ROPE - COMPONENT DESCRIPTION

EMERGENCY EQUIPMENT COCKPIT D/O (3)

ESCAPE ROPE (continued)

REMOVAL/INSTALLATION

To remove:
- get access to the attachment ring,
- remove the screws from the ring,
- remove the rope.

To install:
- engage the loop of the rope in the ring,
- install the ring,
- put the rope in stowage,
- put the A/C back in its initial configuration.

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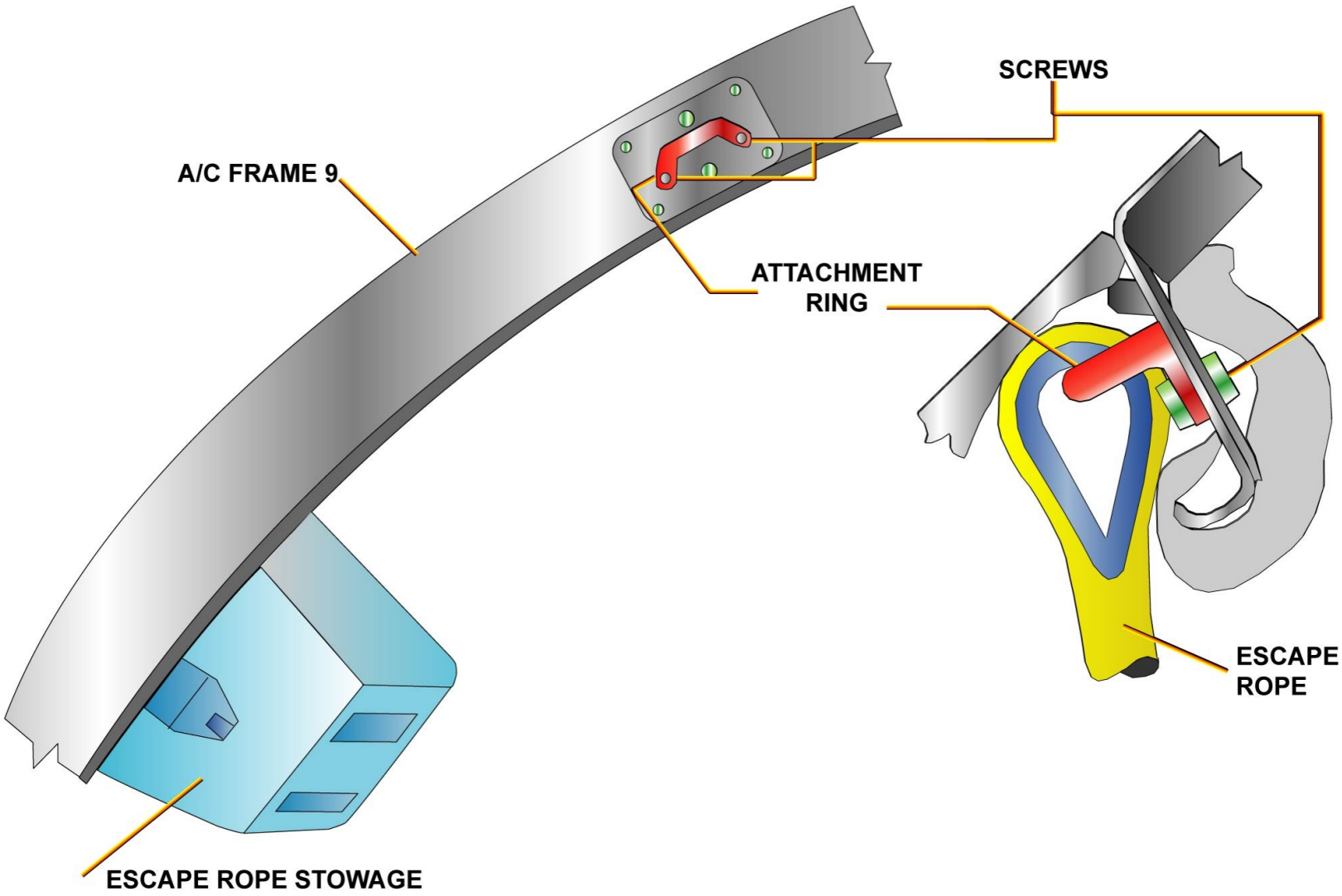

ESCAPE ROPE - REMOVAL/INSTALLATION

EMERGENCY EQUIPMENT CABIN D/O

CABIN ESCAPE FACILITIES

The cabin escape facilities are installed at all the A/C exits. They allow quick evacuation for the passengers and the crew in case of emergency.

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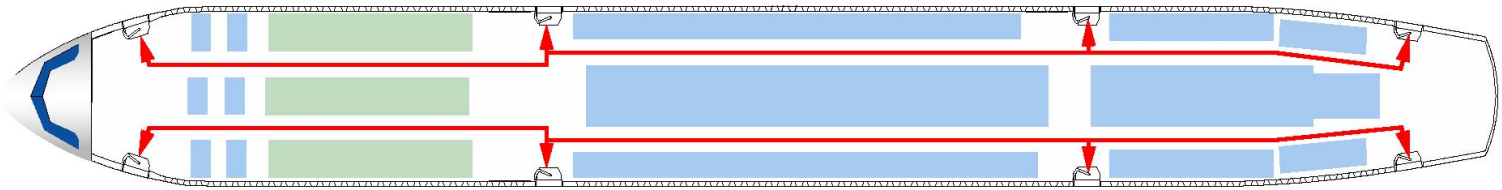

ESCAPE FACILITIES
LOCATION

CABIN ESCAPE FACILITIES

EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT

The floatation and survival equipment consists of the slide/rafts and the life vests.

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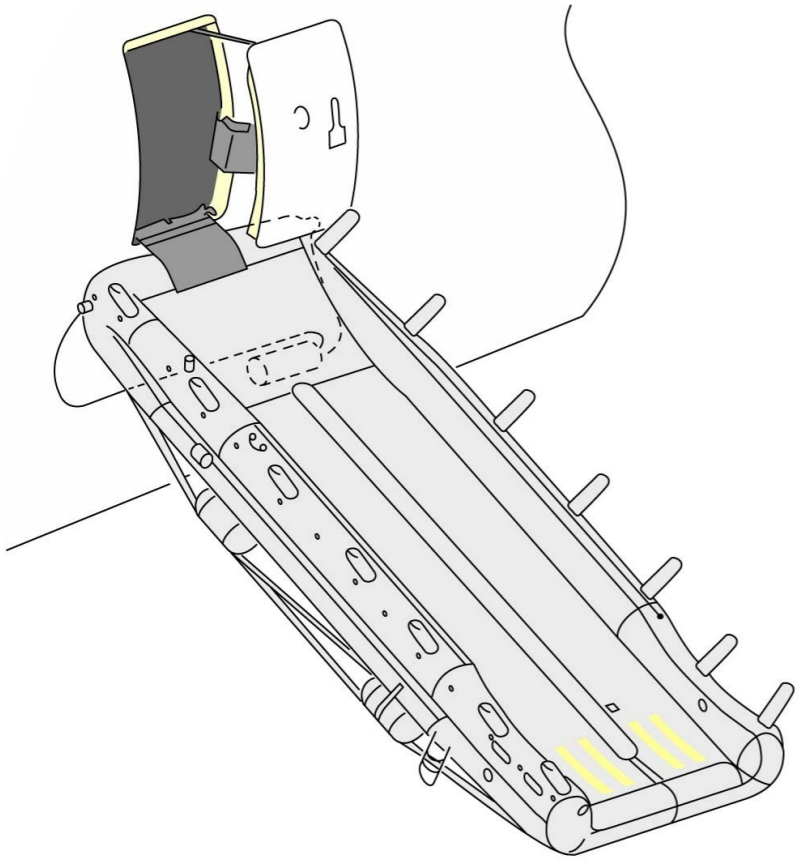
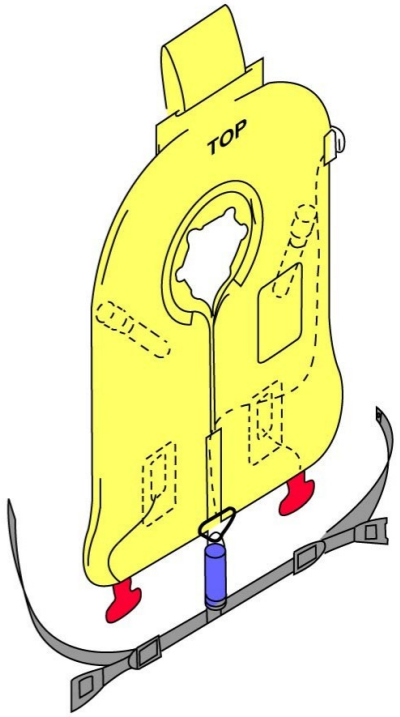


SLIDE/RAFTS



LIFE VEST

FLOATATION AND SURVIVAL EQUIPMENT

EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT (continued)

LIFE VESTS

The life vests are kept below the passenger seats and in the cabin attendant seats. The life vests have buoyancy chambers with straps, clips for attachment and adjustable buckles. Each life vest also has:
- two carbon-dioxide inflator cartridges with handles to fire them,
- two secondary oral inflators,
- a water-activatable light,
- a battery.

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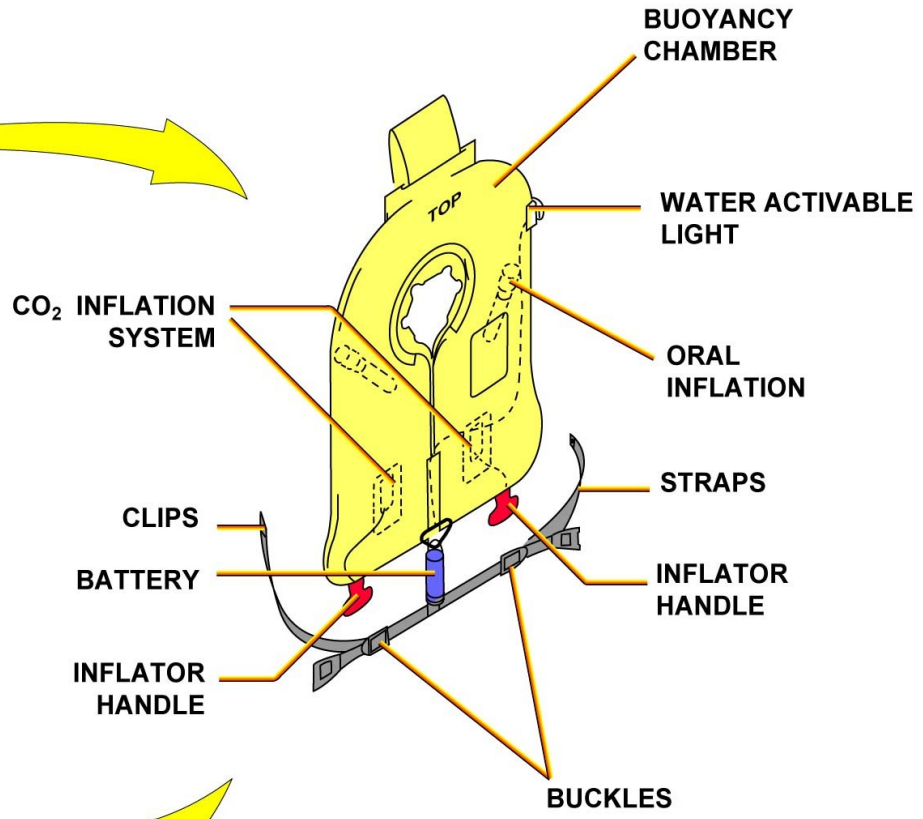
CABIN PASSENGER SEAT

CABIN ATTENDANT SEAT



LIFE VEST

FLOATATION AND SURVIVAL EQUIPMENT - LIFE VESTS

EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT (continued)

SLIDE/RAFTS LOCATION

The slide/rafts are installed on each passenger/crew door and the emergency exit doors. The slide/rafts are a combination of an escape slide and a life raft, except for the emergency exit doors 3 type I where there are just slides. The slide rafts inflate automatically when the door is opened in the emergency mode.

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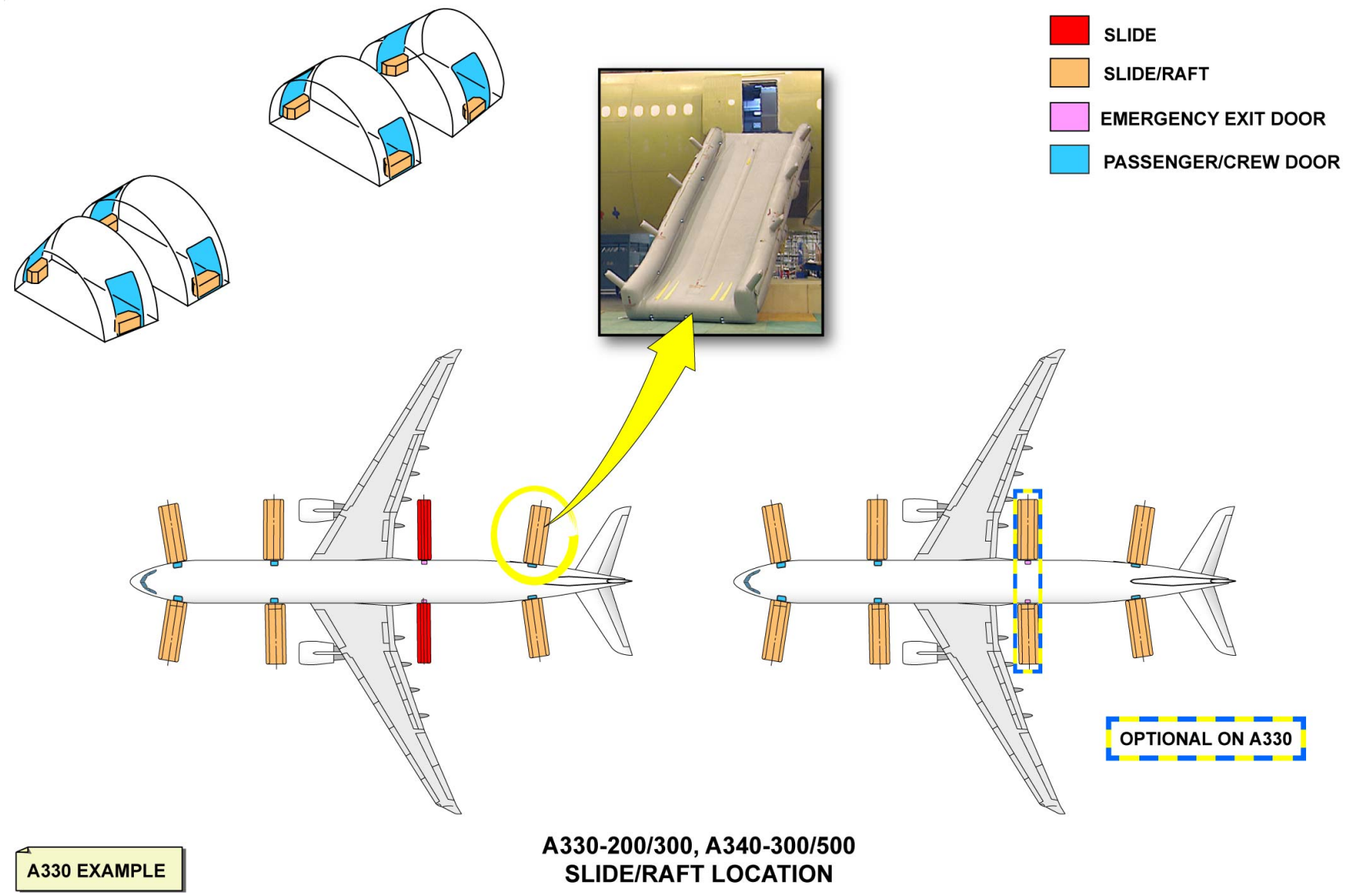

FLOATATION AND SURVIVAL EQUIPMENT - SLIDE/RAFTS LOCATION

EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT (continued)

SLIDE/RAFTS DESCRIPTION

The inflatable chambers are made of heat reflecting coated fabric tubes. The slide/raft has upper and lower structurally connected tube assemblies. The center tube is also a lane divider. The sliding surfaces of the lanes are not inflated. Pressure relief valves and deceleration strips are found at the bottom of the raft. The lighting system has directional guidance lights, which are installed on each slide/raft. They are attached to the upper longitudinal tubes and across the bottom of the slide/raft. The lights come on automatically when the slide/raft inflation starts. The packed slide/raft is installed on the packboard shell. When the door is in the ARMED mode, the girt bar is attached to the door frame structure. When the door is in DISARMED mode, the girt bar is attached to the door structure. A rope can be attached on a ring in order to lower an inflated slide. A disconnection handle located behind the girt assembly can be used to detach an inflated slide from the aircraft.

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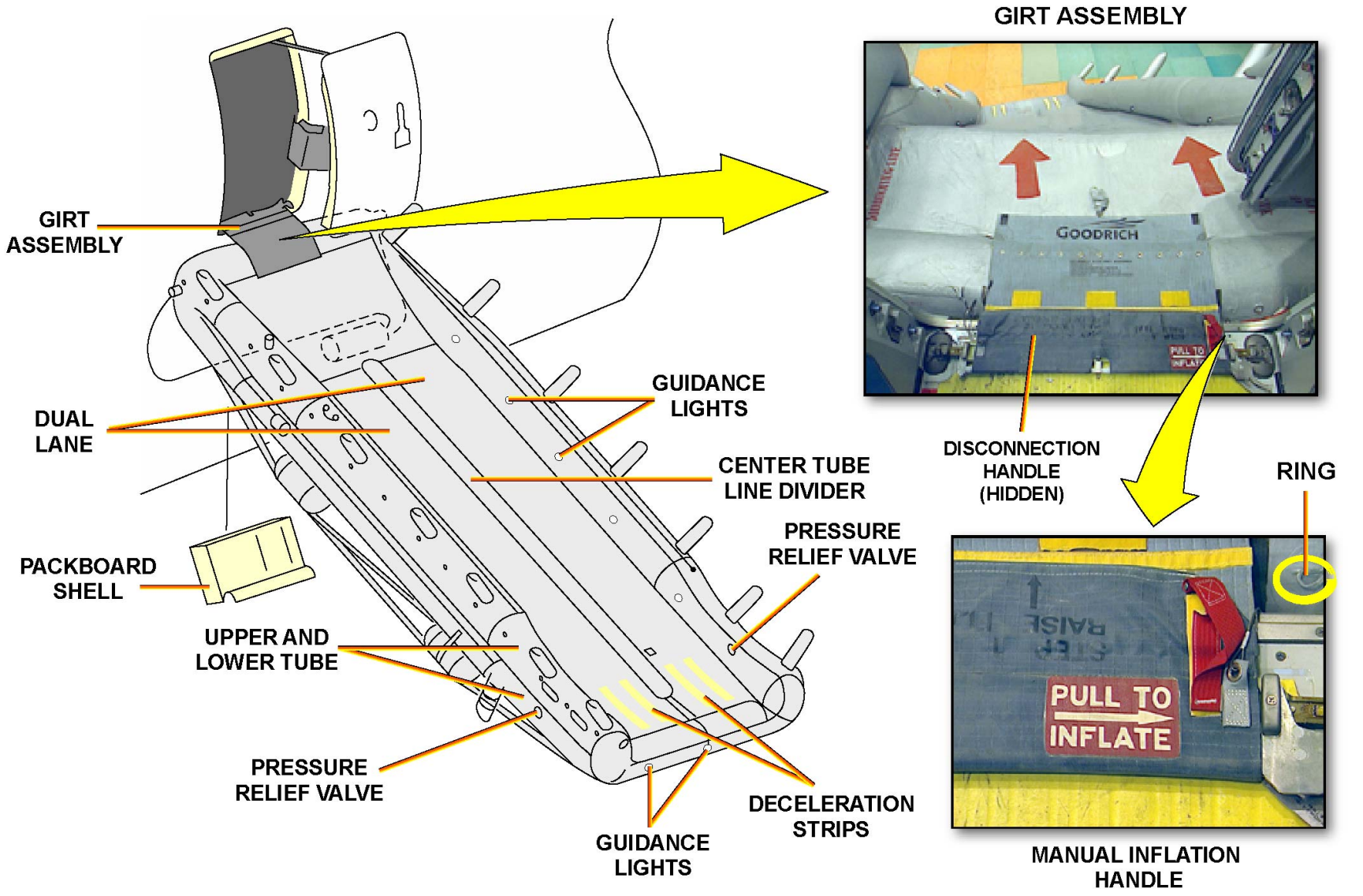

FLOATATION AND SURVIVAL EQUIPMENT - SLIDE/RAFTS DESCRIPTION

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EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT (continued)

PACKBOARD ASSEMBLY

The packboard shell is made of composite materials. The mounting/release rails attach the packboard to the door structure. The mounting rails have a quick release mechanism to separate the packboard the slide/raft from the door structure. The Quick release girt bar is inserted in the slide/raft girt assembly and connected to the door with the packboard assembly .The packboard assembly has an electrical connection with the inflation system. A viewing window on the decorative cadre lets the pressure gauge of the inflation reservoir be visible. A safety pin pocket (where is a transportation/ safety pin) is available for maintenance purposes. The system comprises also a parachute pin installed in the speed lacing and safetied with the safety pin.

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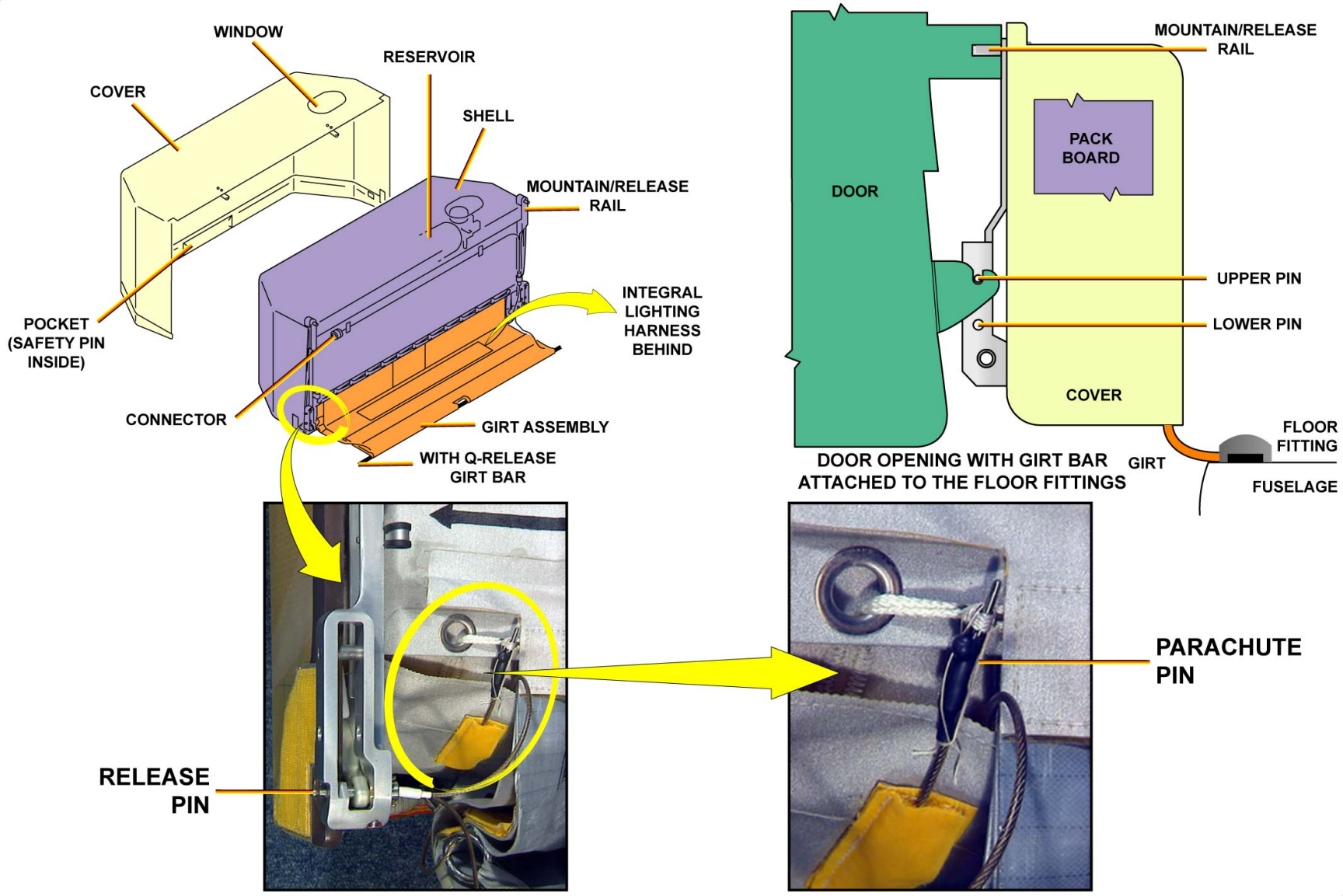

FLOATATION AND SURVIVAL EQUIPMENT - PACKBOARD ASSEMBLY

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EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT (continued)

INFLATION SYSTEM

The inflation reservoir keeps gas (nitrogen / carbon dioxide) under High Pressure (HP) to inflate the slide/raft. The inflation reservoir is made of seamless aluminum. It is made stronger with over-wrapped Kevlar fibers, which are bonded together with epoxy resin. The valve regulator assembly is installed onto the inflation reservoir. It controls the gas flow from the inflation reservoir to both aspirators. The pressure gauge is installed on the valve/regulator assembly to show the stored gas pressure.

Gas from the inflation reservoir flows through the inlet assembly of both aspirators when the inflation system is operated. A flexible hose connects the inflation reservoir to each aspirator assembly. A manual inflation handle is attached with a Velcro tape on the girt assembly. If the slide/raft does not inflate automatically when deployed over the doorsill, you can pull the handle to inflate the slide/raft. The firing cable opens the valve when the slide/raft is deployed. You can safety the valve with a locking pin for maintenance. The Cabin Intercommunication Data System (CIDS) through the DOORS page on the Flight Attendant Panel (FAP) monitors the status of the inflation reservoir pressure sensor and the locking pin. To avoid dysfunction, make sure that the lighting switch pin is installed correctly.

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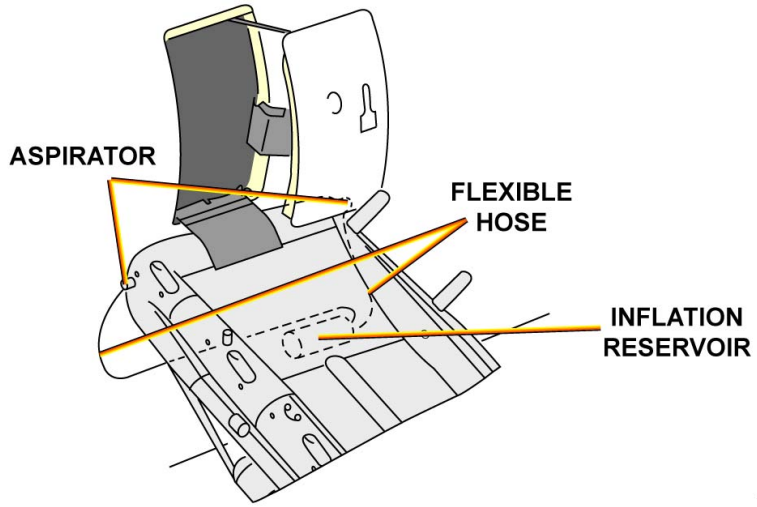
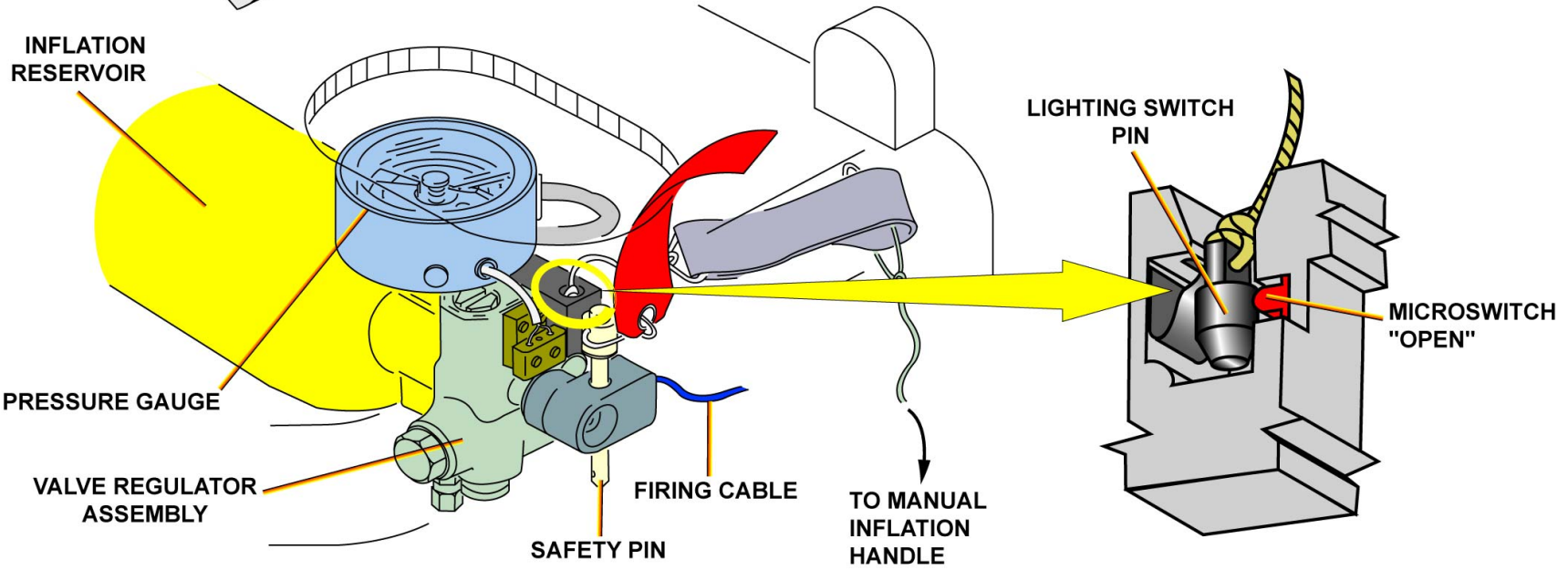


MANUAL INFLATION HANDLE

A330/A340 DOORS PAGE



FLOATATION AND SURVIVAL EQUIPMENT - INFLATION SYSTEM

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EMERGENCY EQUIPMENT CABIN D/O

FLOATATION AND SURVIVAL EQUIPMENT (continued)

RAFT EQUIPMENT

The raft equipment consists of:
- the life lines attached along the outside of the slide/raft. They are visible to the persons in the water and do not lie flat against the tube,
- the boarding stations, attached to each side of the slide/raft. They have boarding handles and boarding stirrups. This let a person climb into the slide/raft from the water,
- the mooring/re-entry line, which keeps the slide/raft attached to the A/C when the girt assembly of the slide/raft is released, and it lets a person re-enter the A/C over an inflated slide/raft,
- the sea anchor to control the drift and to keep the slide/raft turned into the wind,
- the survival kit composed of a base and a replacement kit,
- the emergency beacon transmitter,
- the hand pump to inflate the chambers through the inflate/deflate valve of the slide/raft if necessary. It is used to inflate the canopy center support tube as well,
- the canopy to give the occupants protection against different environmental conditions and which must be installed manually. It has a hole to collect rainwater. The canopy has a highly visible orange/yellow color and can resist to a wind speed up to 52 knots.

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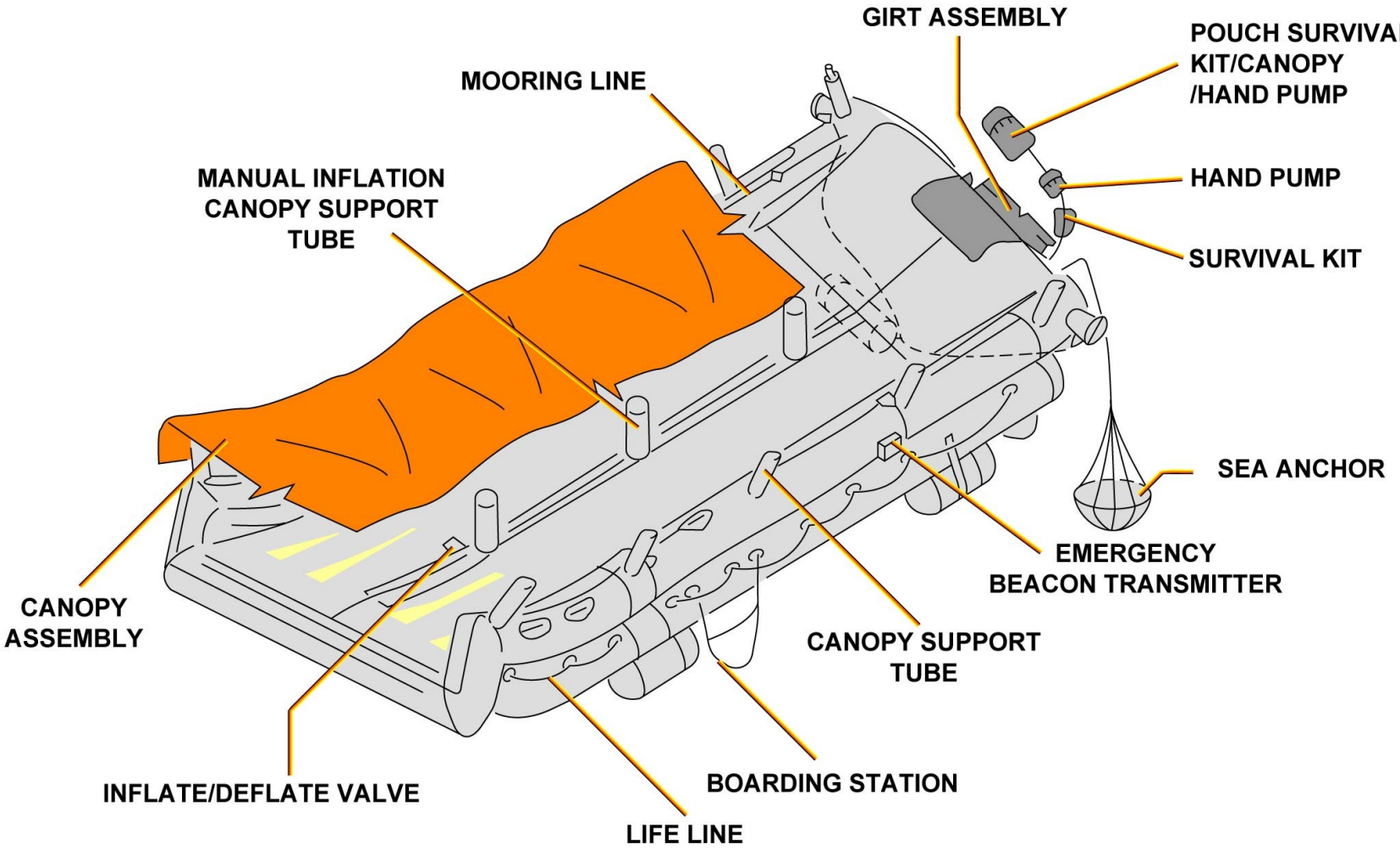

FLOATATION AND SURVIVAL EQUIPMENT - RAFT EQUIPMENT

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EMERGENCY EQUIPMENT CABIN D/O

FIRST AID EQUIPMENT

The items of the first aid equipment are kept at different locations in the A/C depending on the airlines request. These items include first aid kits, physicians/doctor kit, resuscitation kit, splint pack and miscellaneous items. Each kit is kept in a hermetically sealed waterproof container. The expiration dates are printed on the front of the waterproof container nut. They must be removed from the parked A/C in case of low or high temperature to avoid any medication damages. They usually have a five-year service life.
The resuscitation kit contains instruments for ill or injured passengers. The splint pack contains splints and fittings to help passengers in case of a bone fracture. Other equipment can be found such as pillows, blankets and thermal blankets as well as an airsickness bag in the rear pocket of each passenger seat.

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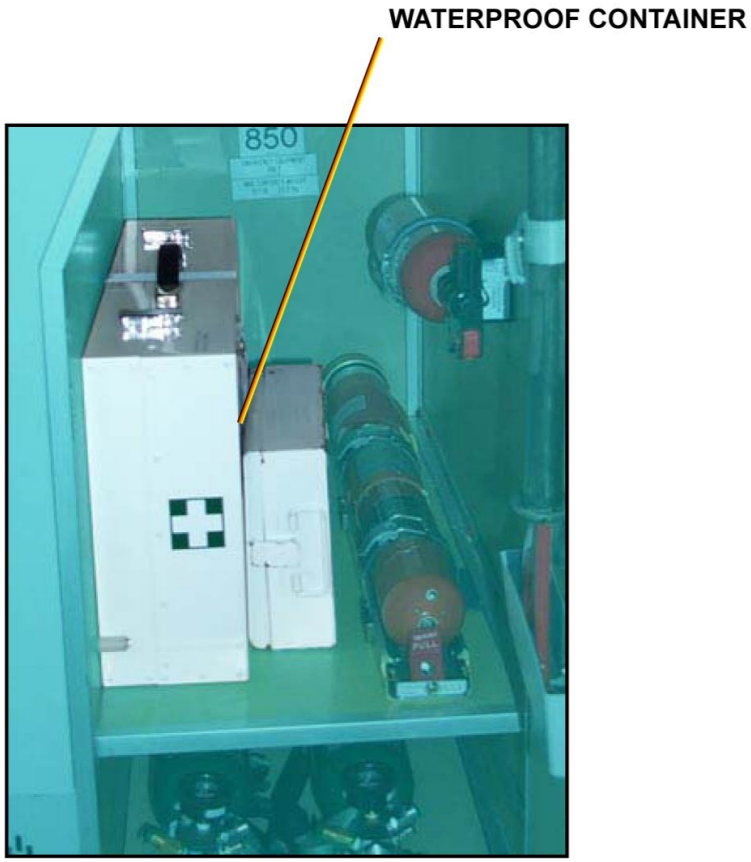

FIRST AID EQUIPMENT

EMERGENCY EQUIPMENT CABIN D/O

SLIDE/RAFTS DEPLOYMENT

This is the slide/rafts deployment video.

NOTE: Note: Other types of slide/raft have the same principle of deployment as the one shown in the video.
Note: To prevent damage to the A/C, use material specified in the AMM to protect the fuselage during deployment test.
Note: Once deployment tests are done, make sure that the slide light supply is unplugged before removing it.

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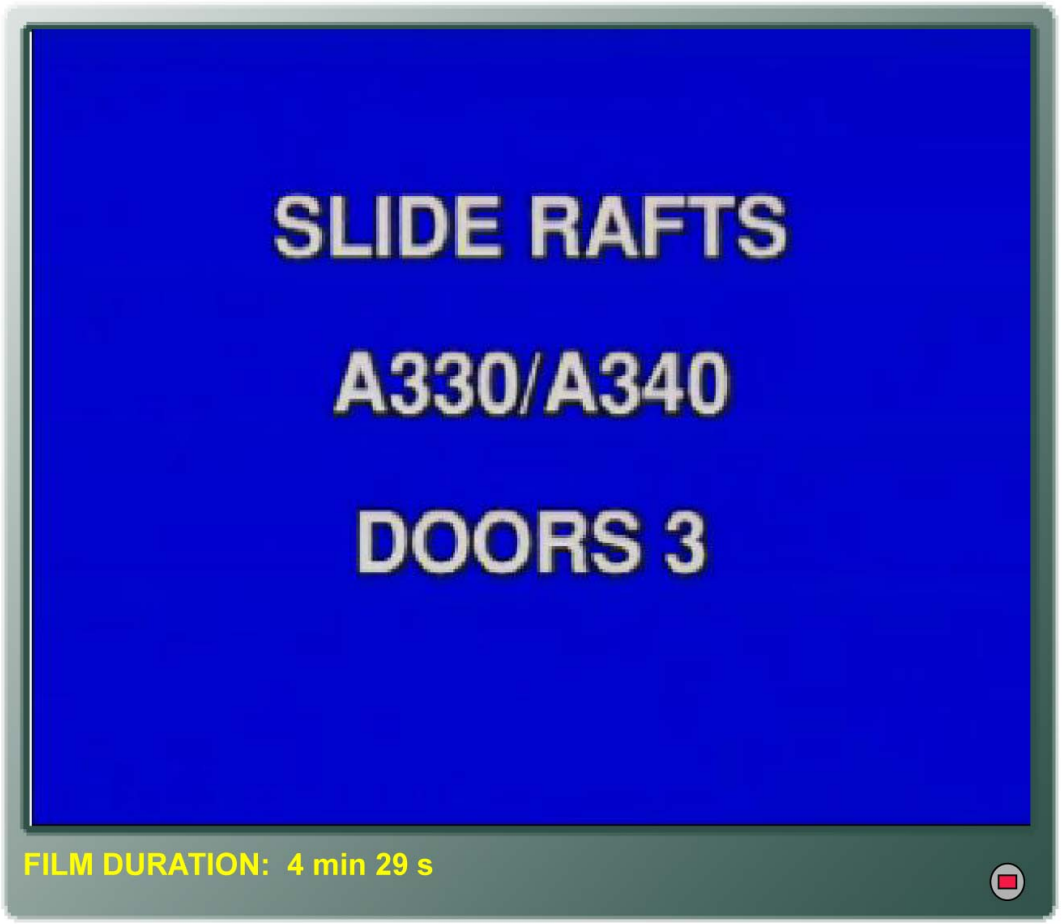

SLIDE/RAFTS DEPLOYMENT

LOWER DECK DECOMPRESSION SAFETY SYSTEM

COMPONENT DESCRIPTION

The rapid decompression panels (blow-in/blow-out) are installed in the sidewall panels and in the fixed partition walls. They prevent damage to the aircraft structure in case of sudden pressure difference. The system prevents a pressure difference between different areas in the aircraft (cockpit/cabin, or cabin/cargo compartment-. The panels have a composite structure made of a honeycomb-core and a flame-retardant laminated-skin. Foam-tape is bonded into the recess of the panel border and makes a seal between the panel and the frame. There is a flame-retardant strip between the Foam-tape and the border edge. Some frames have protective devices. The Panel assemblies include a panel, a frame and fastener assemblies. The fastener assemblies are attached to the frames and include some latches, springs and catches.

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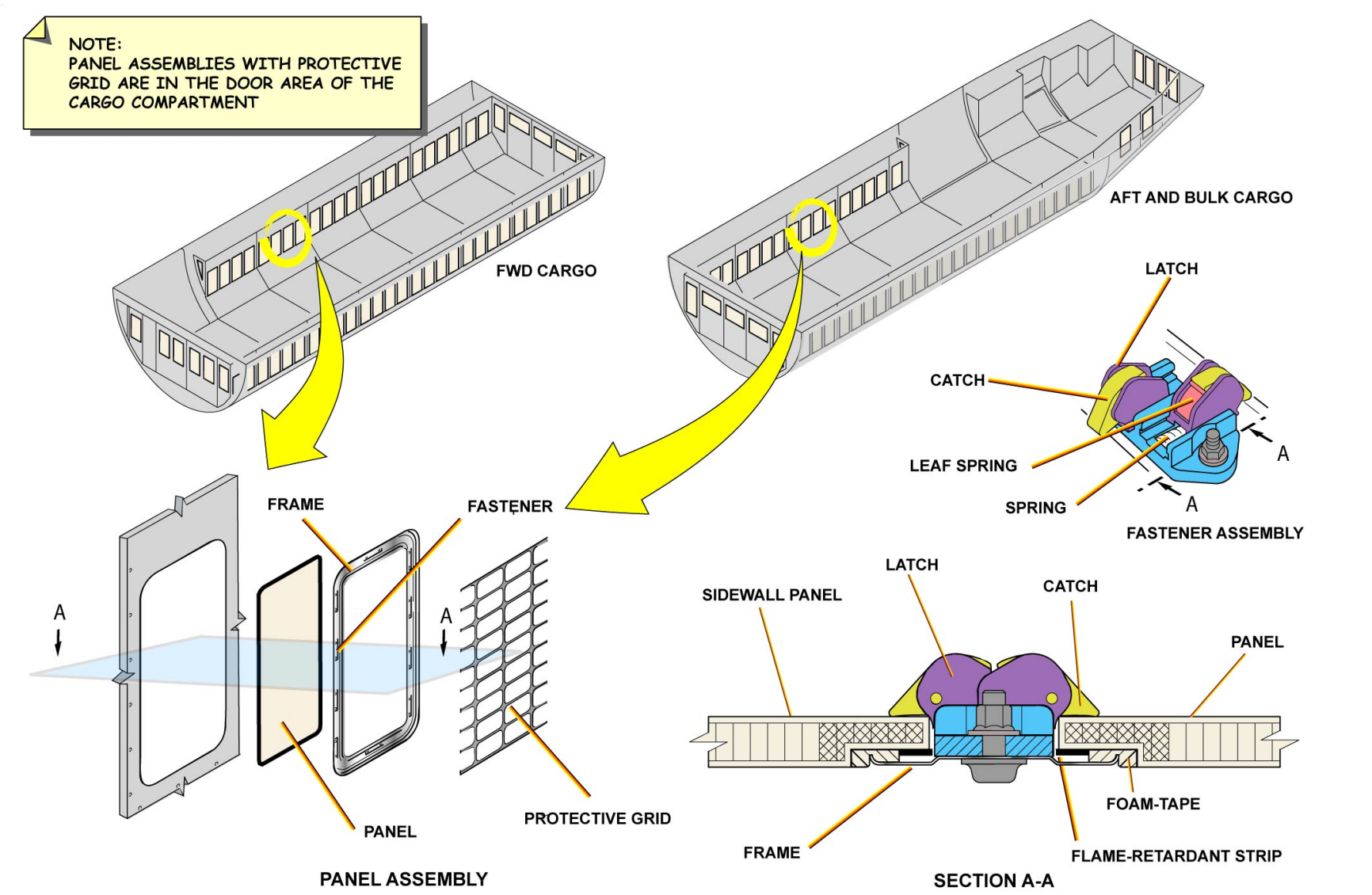
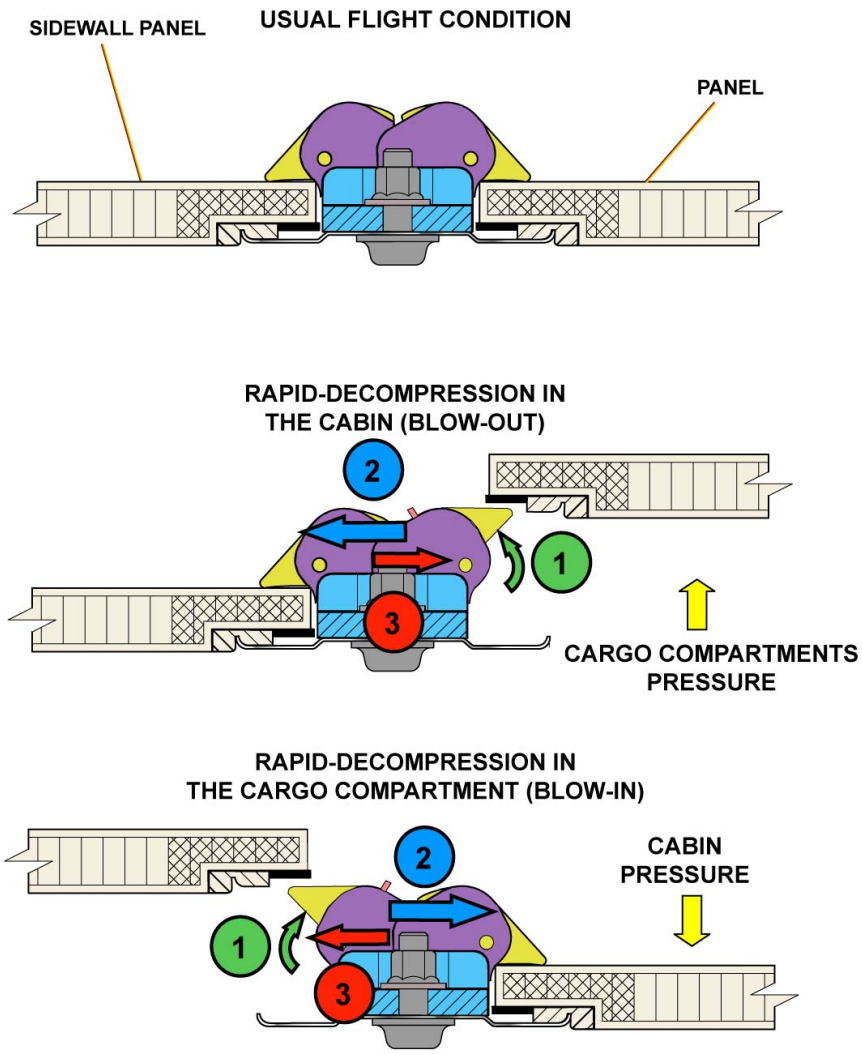


COMPONENT DESCRIPTION

LOWER DECK DECOMPRESSION SAFETY SYSTEM

RAPID DECOMPRESSION PANELS

If a rapid-decompression occurs in the cargo compartment, the higher air pressure pushes the panel assemblies against their fasteners.
This force will release the catches and the panel assemblies are blown inboard (Blow-in). The higher air pressure can flow from the cabin to the Cargo Compartment.
If a rapid-decompression occurs in the Cabin, the higher air pressure pushes the panel against their fasteners.
This force will release the catches and the panels are blown outboard (Blow-out). The higher air pressure can flow from the cargo compartment to the Cabin.



RAPID DECOMPRESSION PANELS

LOWER DECK DECOMPRESSION SAFETY SYSTEM

RESET

The reset of rapid decompression panel is done by one pressure on the panel. During this operation, the catch recoils and rotates at the same time. The catch is held and locked with the help of leaf spring.
Once this operation is carried out, the panel returns into its initial position.
The system of reset on the panel and on the frame is identical.

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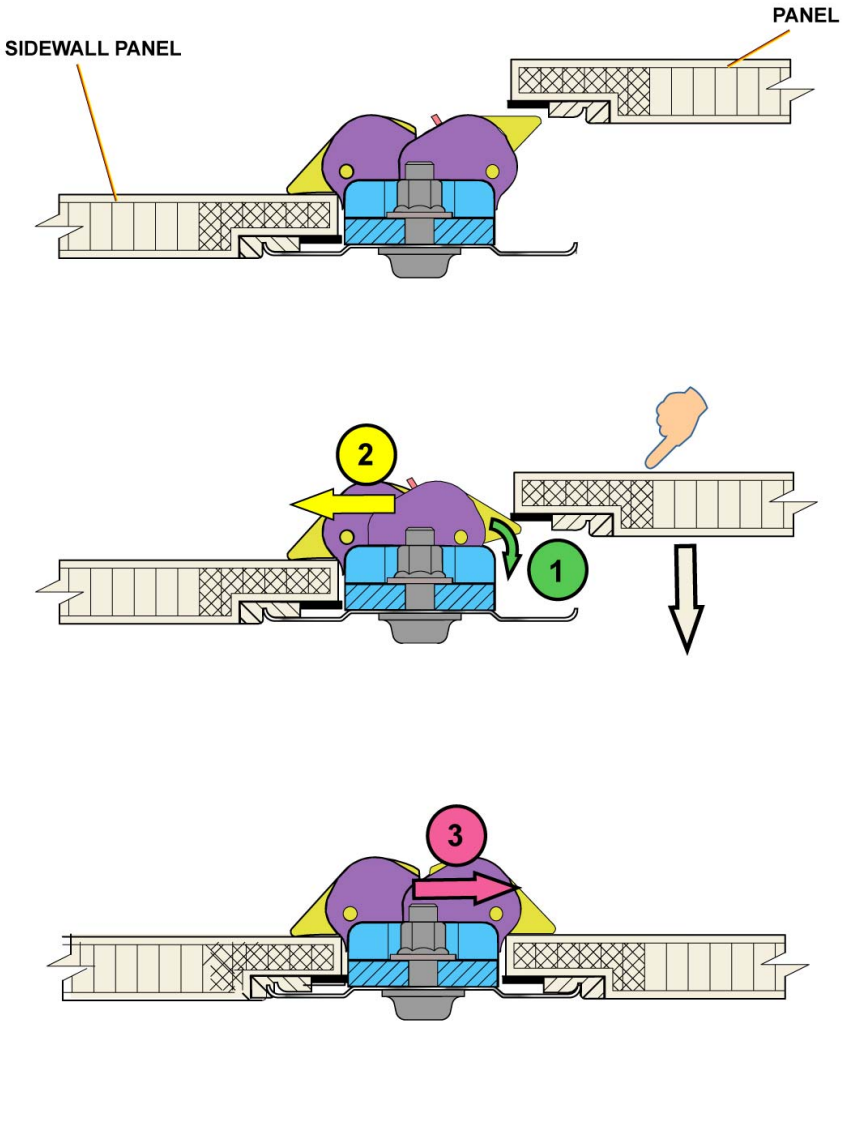

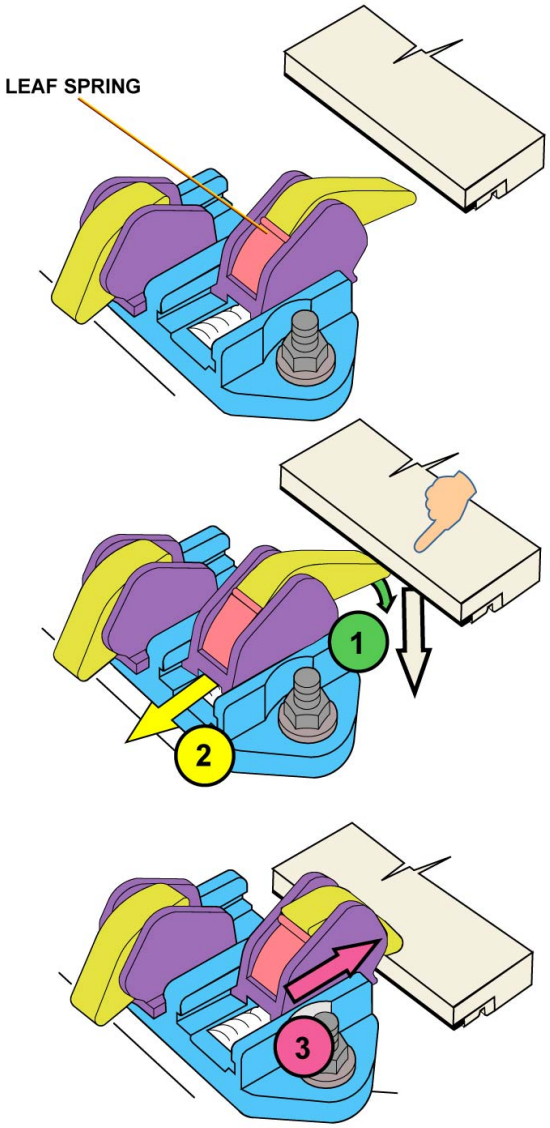

RESET

G9409341 - GAUT0T0 - FM25DD000000001

LOWER DECK CARGO LOADING SYSTEM D/O (3)

DESCRIPTION

The semi-automatic Cargo Loading System (CLS) of the FWD and aft cargo compartments is used for loading, unloading and moving the Unit Load Devices (ULDs). These ULDs can be pallets or containers of different sizes. One person can operate the CLS. If there is no electrical power available, it is possible to load or unload manually. The semi-automatic CLSs of the FWD and aft lower deck cargo compartments are similar in construction and equivalent in operation.
The CLS has:
- transport components,
- latching components,
- control components,
- guiding components.

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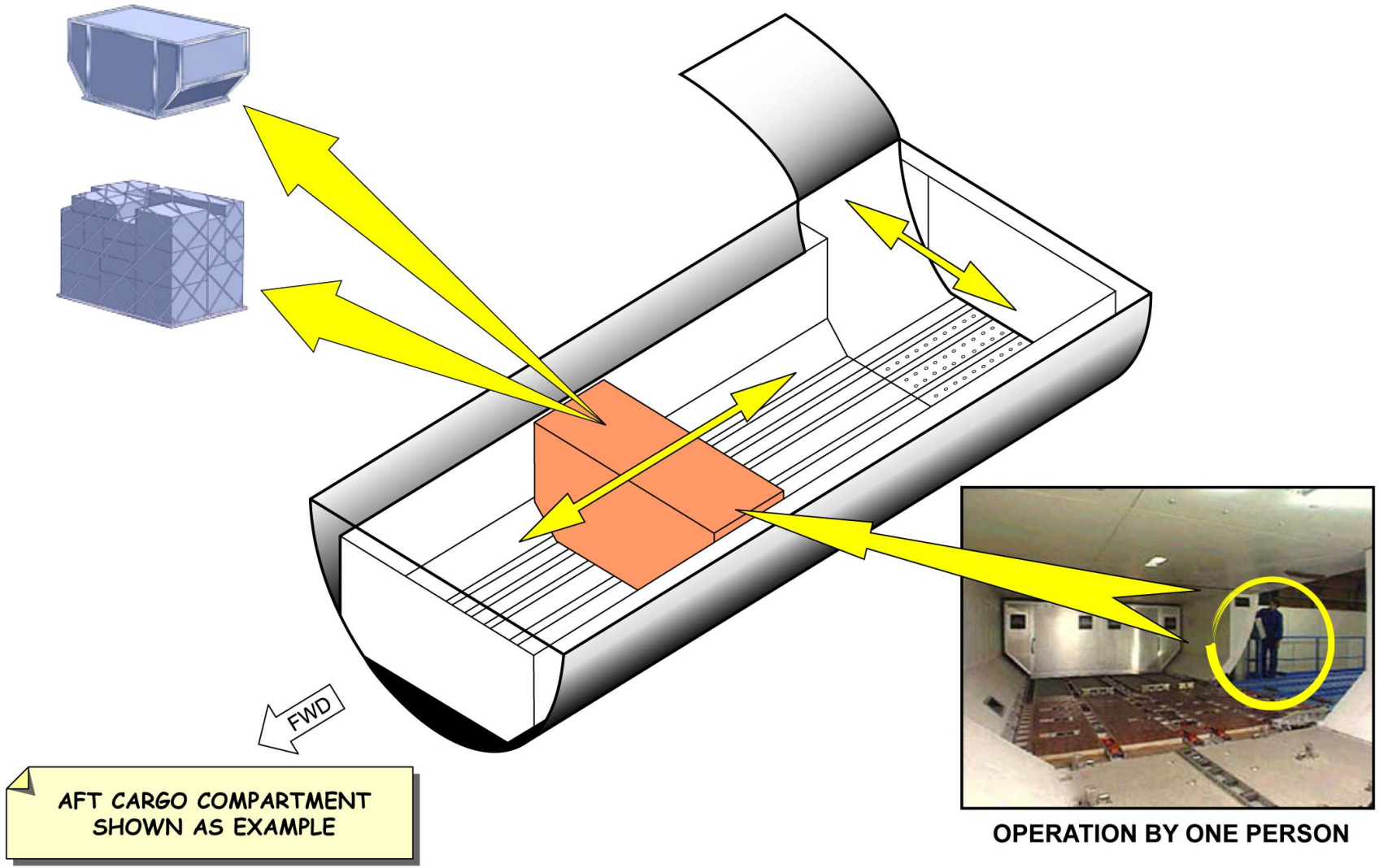

DESCRIPTION

LOWER DECK CARGO LOADING SYSTEM D/O (3)

DESCRIPTION (continued)

TRANSPORT COMPONENTS

The components to convey the ULDs are:
- six roller tracks installed. They are part of the floor structure. The ULDs move on these roller tracks. They incorporate free running rollers and braking rollers. The braking rollers slow the movements of the ULDs for safety reasons.
- the ball mats extend across the full length of the entrance area and across the full width of the compartment. They are used for the ULDs change of direction during loading and unloading. Ball mats and ball strips have light alloy plates, which contain a number of ball units. The ball mats are installed between the roller tracks, and the ball strips in the roller tracks.
- the sensorized Power Drive Units (PDUs) are installed for movement of the ULDs in the lateral and longitudinal direction. The PDUs have self-lifting rollers. The PDUs are equipped with a sensorized control device which functions as a ULD scanning device. The scanning device is an integrated part of the PDU and its internal printed circuit boards. When the ULD moves over the PDU it triggers the scanning device, which causes the roller to come up and move the ULD. When the ULD has moved over the PDU the scanning devices goes on standby and the rollers retract.
- the other type of PDUs are installed for movement of the ULDs in the longitudinal direction. The PDUs have self-lifting rollers. Electrical AC power supplies the PDUs. When the adjacent latch is lowered, the PDU is energized and its drive roller is lifted until it touches the bottom of the ULDs. When the unit is de-energized or its adjacent latch is lifted, the roller stops and is lowered under system weight.

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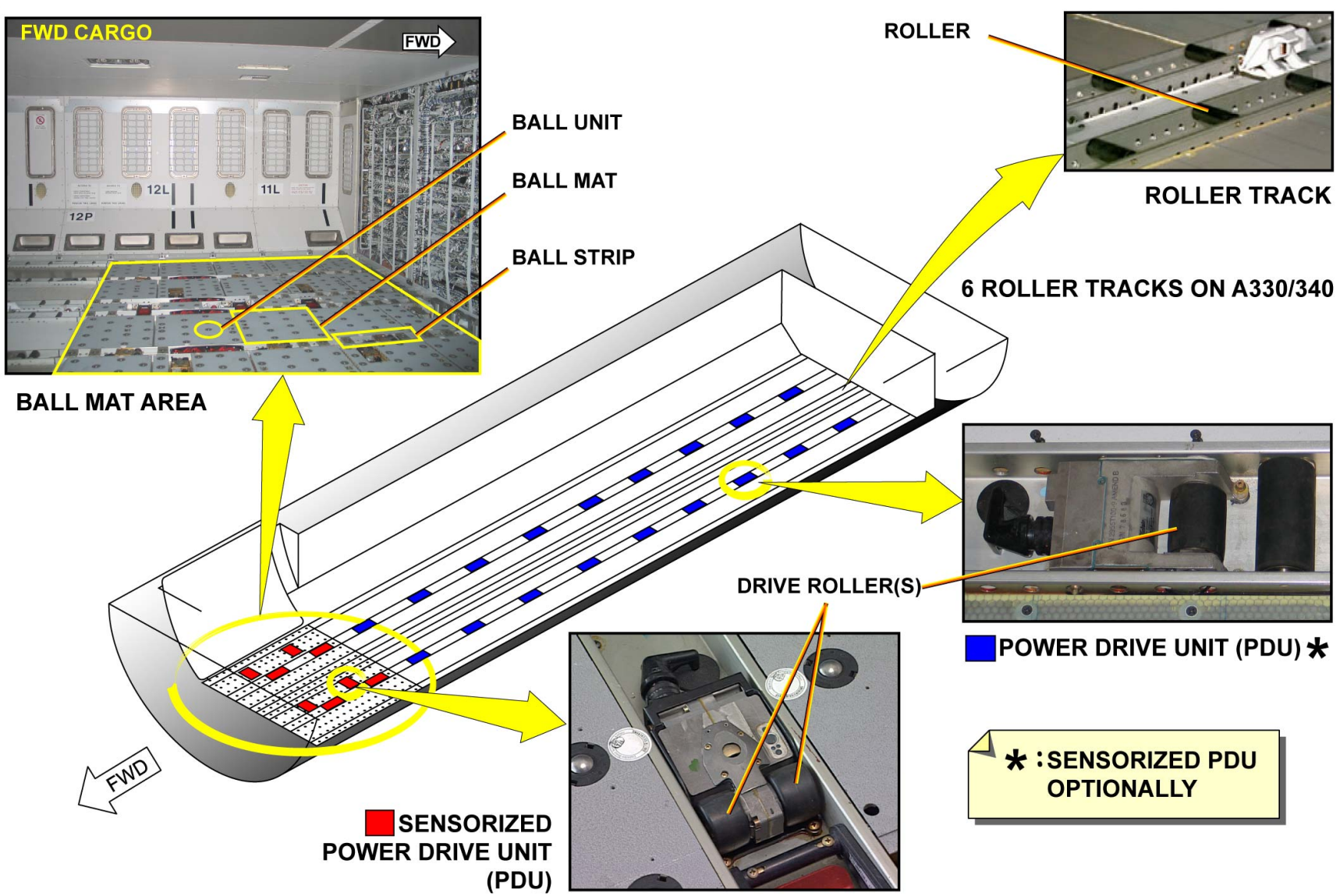

DESCRIPTION - TRANSPORT COMPONENTS

G9409341 - GAUT0T0 - FM25D6000000003

LOWER DECK CARGO LOADING SYSTEM D/O (3)

DESCRIPTION (continued)

LATCHING COMPONENTS

The latching components are installed on the floor of the compartment. They are used for the ULDs locking. They are identified to show in which direction they have an effect:
- X > longitudinal,
- Y > transversal,
- Z > vertical.

There are three types of latches:
- the doorsill latches. They are provided in the doorsills to lock the ULDs in the lateral and vertical directions. They incorporate two different types of latches: the manually operated YZ latches and the overridable Y latches. When unloading containers, the doorsill latch releases lever must be operated for each container to lower the Y latches. This is installed to avoid movement of ULDs during unloading.
- the manually operated and overridable YZ latches. They are installed on the A/C centerline to hold the half width ULDs in the lateral and vertical directions. The overridable YZ latches are lowered against spring pressure when a full width ULD is moved over them. The manually operated YZ latches are installed on the A/C centerline in the ball mat area. They must be lowered for loading and unloading.
- the XZ single, double and fixed latches. They are installed in the roller tracks to hold the ULDs in longitudinal and vertical directions. The single and double latches are manually operated. When they are lifted, the PDUs behind this latch row are turned off. The fixed XZ latches are installed in the roller tracks at the wing-box end of the compartment. They operate as stops for the ULDs and protection for the partition wall.

The AFT cargo compartment control panel is similar to the FWD one except the control and indicating system of the Y-guides:
- The Y-guide switch is used to unlock the Y-guides in the load direction. For unloading, the Y-guides are overridable.
- The Y-guide load light comes on when one or more Y-guides are inoperative.

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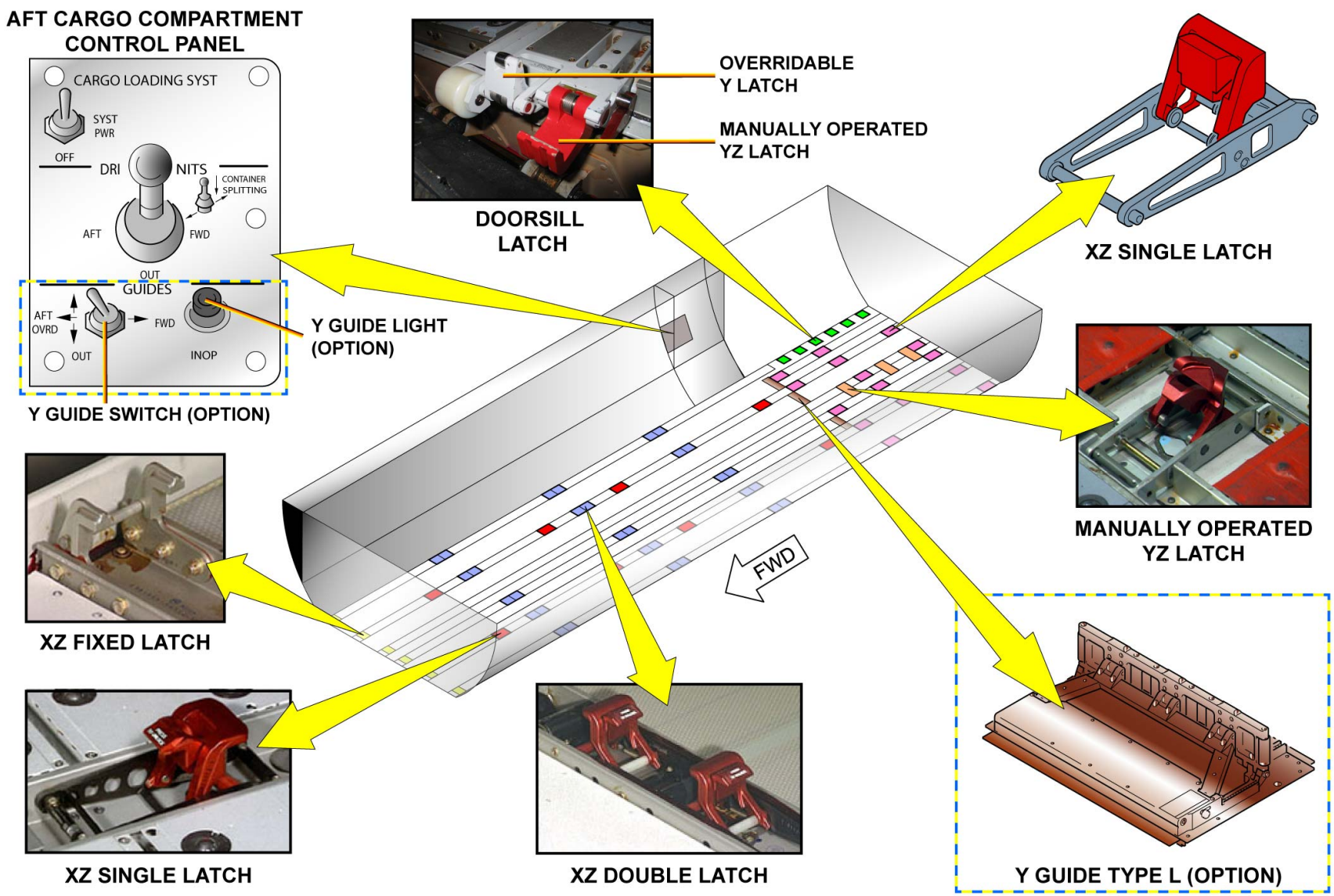

DESCRIPTION - LATCHING COMPONENTS

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LOWER DECK CARGO LOADING SYSTEM D/O (3)

DESCRIPTION (continued)

CONTROL COMPONENTS

There are four different control components:
The control panel, located behind a service door adjacent to the cargo compartment door, has:
- the sill lock lever, which is used to unlock the overrideable Y-latches of the cargo compartment doorsill,
- the power switch, which is used to energize/de-energize the cargo loading system,
- the joystick.

The inside control panel, which is installed in the ceiling panel adjacent to the cargo door, has a two-way joystick. It is used for the control of the ULDs movements on the roller tracks. It has two positions: FWD and aft. The Power Drive Units are energized only if the joystick is activated.
The control box is installed above the housing of the control panel. It gives all signals to the related components.
The C/B panel is installed in the ceiling, near the cargo compartment door.
The Maintenance Display Unit (MDU) is installed in the service panel 5022VE and will indicate relevant maintenance data. The display is designed to indicate the data in two lines of twenty characters. The MDU is linked via a network to the controller components. The MDU indicates failures of the electrical components, the PDUs, the proximity switches and the control panels.
There are two different types of switches used for the CLS:
- the mechanical switches. They are attached to the YZ latches in the doorsill and they are connected in series. When the YZ latches are locked in the lifted position, you can operate the cargo compartment door but the CLS is electrically isolated. When the YZ latches are lowered, the cargo compartment door mechanism is electrically isolated but the CLS is operative.
- the proximity switches. They are attached to the related XZ latches. When you lift these XZ latches, you electrically isolate the related PDU. This inhibits the operation of the PDU when the ULD is latched in position.

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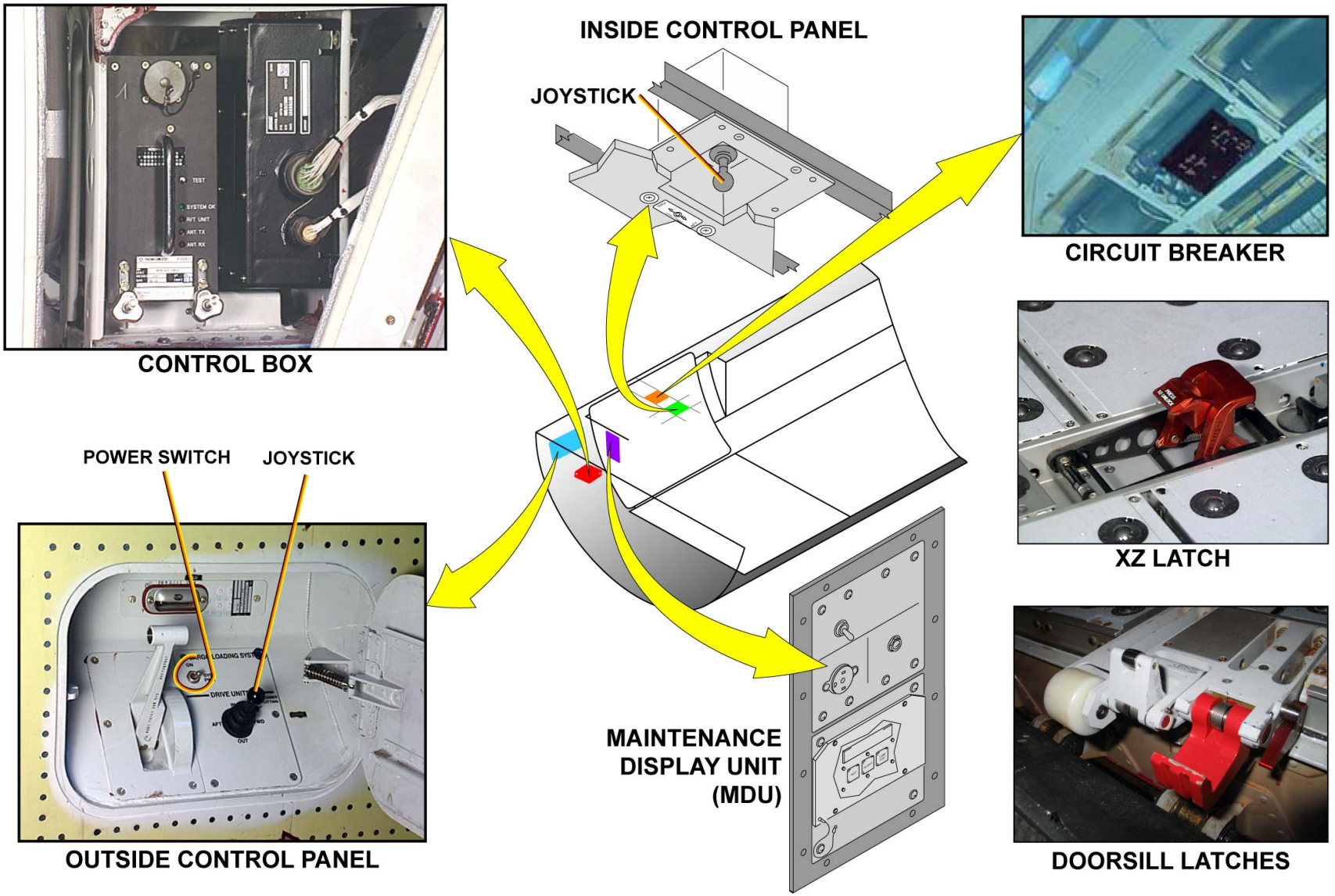

DESCRIPTION - CONTROL COMPONENTS

LOWER DECK CARGO LOADING SYSTEM D/O (3)

DESCRIPTION (continued)

GUIDING COMPONENTS

The guiding components are identified to show in which direction they have an effect:
- X > longitudinal,
- Y > transversal,
- Z > vertical.

There are four types of guiding components:
- the entrance guide installed at the doorsill allows proper guiding of the ULDs and protect the doorframe. The guide has a sloped front plate with four vertical guide rollers. The guide rail is hinge-attached to the nearest fixed YZ guide to the entrance.
- the XY guides installed at the cargo doorsill. The guide has a sloped front plate with a guide roller to absorb shocks and a guide-rail with two guide rollers. The guide-rail is hinge-attached to the nearest fixed YZ latch located at the cargo door entrance.
- the continuous side guides are installed between the fixed YZ latches along the cargo compartment.
- the fixed YZ guides. A row of five YZ guides and two guide-rails are installed at the end of the roller tracks at the cargo door entrance. They are used like YZ guides when you load or unload the ULD, as XZ latches when the ULDs are locked in position, and to protect the end wall of the cargo compartment. Each YZ guide can have one or two vertical guide rollers and each Y guide-rail has two vertical guide rollers.

The retractable Y guides are installed on the A/C centerline to align the half-width ULDs. The retractable Y guide is overridable in one way. You can retract and lift them manually.

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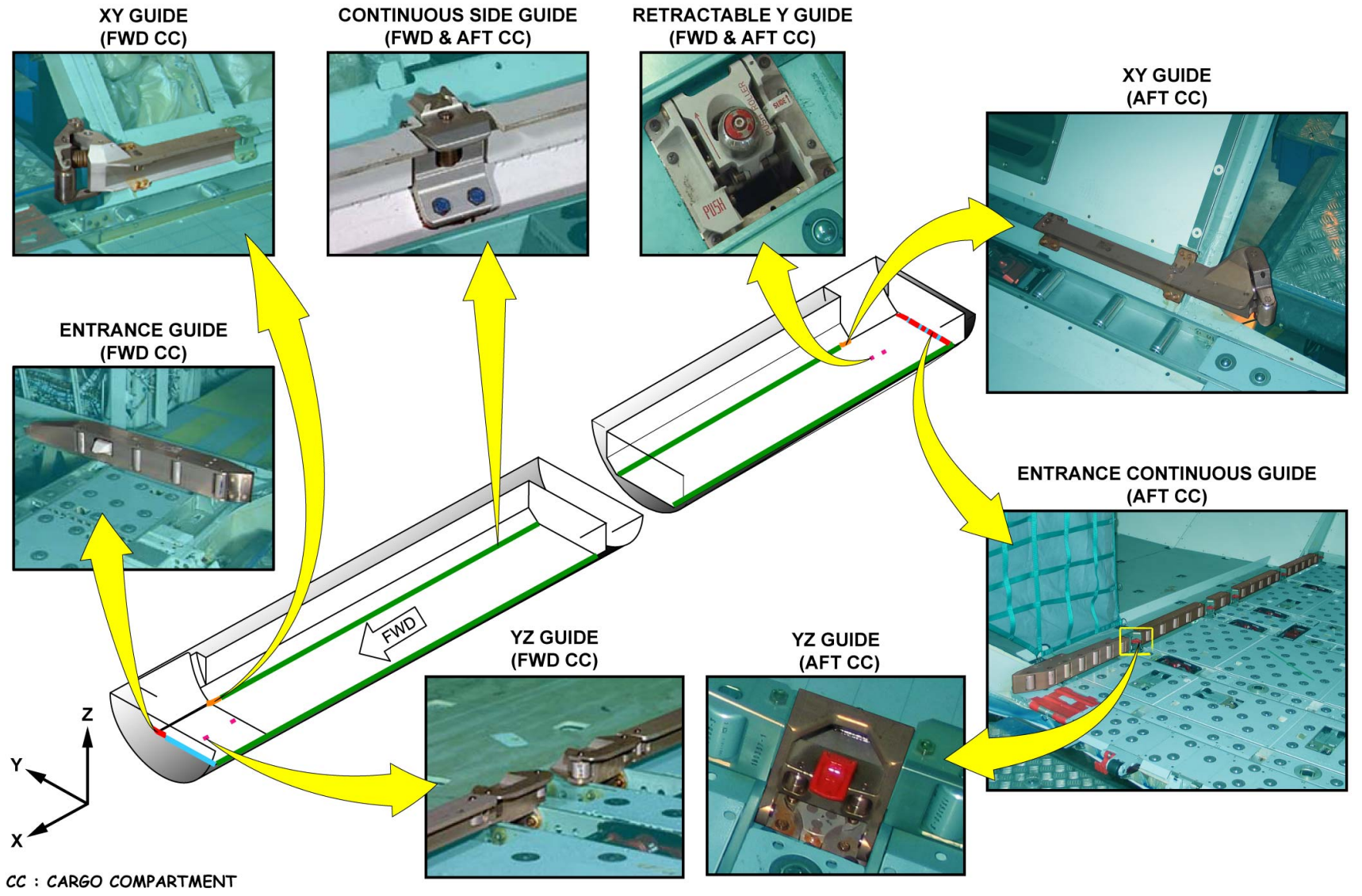

DESCRIPTION - GUIDING COMPONENTS

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LOWER DECK CARGO LOADING SYSTEM D/O (3)

DESCRIPTION (continued)

DRAINAGE

The FWD, aft and bulk cargo compartments have a drainage system that collects fluids and drains them through the bilge area into drain valves. The drain valves are installed at the bottom of the fuselage. If the cabin pressure is below a given value i.e. the A/C is near to or on the ground, a spring holds the valves open. The fluids drain out and are removed by the airflow or gravity. If the cabin pressure is above a given value i.e. the A/C is in flight, the drain valves close automatically.

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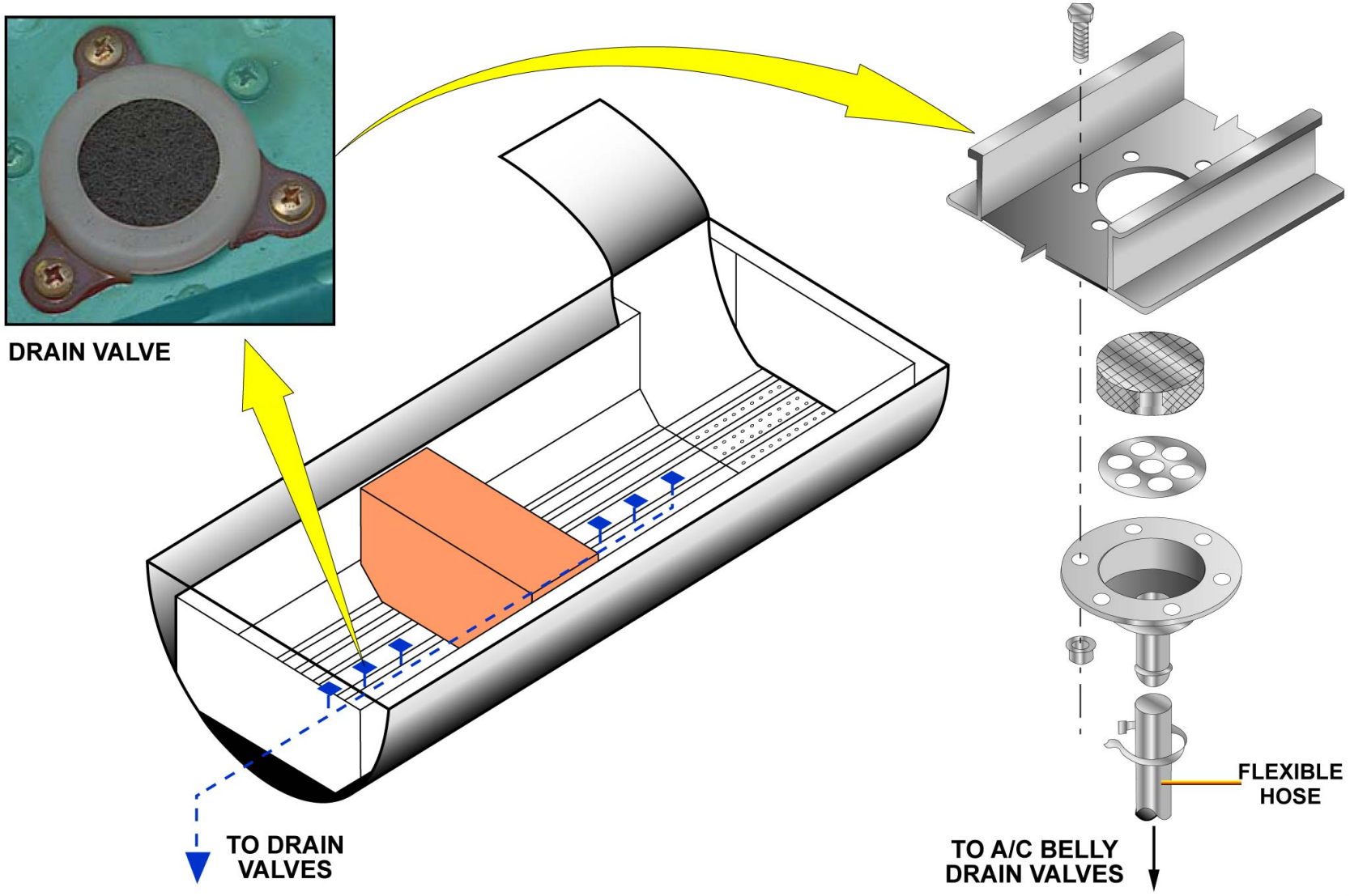

DESCRIPTION - DRAINAGE

LOWER DECK CARGO LOADING SYSTEM D/O (3)

SYSTEM SET UP

This is system set up video.

A-M PALLET OPERATION

This is A-M pallet operation video.

SINGLE LD3 OPERATION

This is single LD3 operation video.

LD3 PAIRED OPERATION

This is LD3 paired operation video.

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EQUIPMENT/FURNISHINGS SYSTEM BASE MAINTENANCE (3)

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT

SAFETY PRECAUTIONS

WARNING: BEFORE YOU START WORK ON THE DOOR MAKE SURE THAT:
- THE EMERGENCY CONTROL HANDLE IS IN THE DISARMED POSITION WITH THE SAFETY PIN INSTALLED,
- THE PERCUSSION LEVER OF THE DOOR DAMPER AND EMERGENCY OPERATION CYLINDER IS IN THE DISARMED POSITION WITH THE SAFETY PIN INSTALLED.

THIS MAKES SURE THAT THE DOOR DOES NOT OPEN SUDDENLY. IF THE DOOR OPENS SUDDENLY IT CAN CAUSE INJURY AND/OR DAMAGE.

MAKE SURE THAT THE SAFETY/LOCK PIN IS CORRECTLY INSTALLED IN THE REGULATOR VALVE ASSEMBLY OF THE INFLATION RESERVOIR. THIS PREVENTS ACCIDENTAL:
- DISCHARGE OF THE INFLATION RESERVOIR,
- DEPLOYMENT OF THE ESCAPE SLIDE.

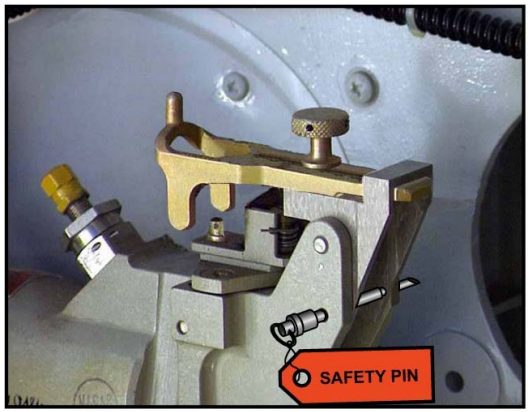
THIS CAN CAUSE INJURY AND/OR DAMAGE.

WARNING

WARNING: BEFORE YOU START WORK ON THE DOOR MAKE SURE THAT:
- THE EMERGENCY CONTROL HANDLE IS IN THE DISARMED POSITION WITH THE SAFETY PIN INSTALLED,
- THE PERCUSSION LEVER OF THE DOOR DAMPER AND EMERGENCY OPERATION CYLINDER IS IN THE DISARMED POSITION WITH THE SAFETY PIN INSTALLED.
THIS MAKES SURE THAT THE DOOR DOES NOT OPEN SUDDENLY. IF THE DOOR

WARNING

WARNING: MAKE SURE THAT THE SAFETY/LOCK PIN IS CORRECTLY INSTALLED IN THE REGULATOR VALVE ASSEMBLY OF THE INFLATION RESERVOIR. THIS PREVENTS ACCIDENTAL:
- DISCHARGE OF THE INFLATION RESERVOIR,
- DEPLOYMENT OF THE ESCAPE SLIDE.
THIS CAN CAUSE INJURY AND/OR DAMAGE.



EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - SAFETY PRECAUTIONS

EQUIPMENT/FURNISHINGS SYSTEM BASE MAINTENANCE (3)

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT (continued)

PASSENGER/CREW DOOR (TYPE A) SLIDE REMOVAL PROCEDURE

CAUTION: DURING THE FOLLOWING PROCEDURE DO NOT OPEN THE DOOR.
IF YOU DO SO, YOU WILL START THE SEQUENCE OF STEPS THAT PULLS THE INFLATABLE ASSEMBLY OUT OF THE PACK-ASSEMBLY.
DO NOT PULL THE GIRT ASSEMBLY. IF YOU DO SO, YOU WILL OPEN THE PACK-ASSEMBLY.
SUPPORT THE UNIT CAREFULLY TO PREVENT INJURY TO PERSONS AND DAMAGE. THE UNIT IS HEAVY.

Remove the slide safety pin, and set the control handle to the ARMED/AUTOMATIC position. Then remove the quick-release bar by pushing the release lever of the door to separate the girt assembly from the door. The release lever is located at the bottom left corner of the door.

To remove the pack-assembly, loosen the screws, hold the unit to disengage the rails from the hooks, then put the pack-assembly on the cabin floor. Disconnect the electrical connector and install blanking caps.

Re-fit the quick-release bar into the girt bar by pulling the release lever.

Set the emergency control handle to the DISARMED/MANUAL position and install the slide safety pin. Carefully lift the door by using the door control handle. Confirm that the girt bar is attached to the lockjaw, then close the door again.

You can now remove the pack-assembly from the A/C.

Removal of the escape slide raft pack assembly

...
Job set-up
...
Procedure
...

Remove the quick-release bar from the girt bar.

Remove the pack-assembly from the door.

Install the quick-release bar in the girt bar.

Set the emergency control-handle to the DISARMED/MANUAL position, and install the safety pin.

...
Close-up
...

CAUTION

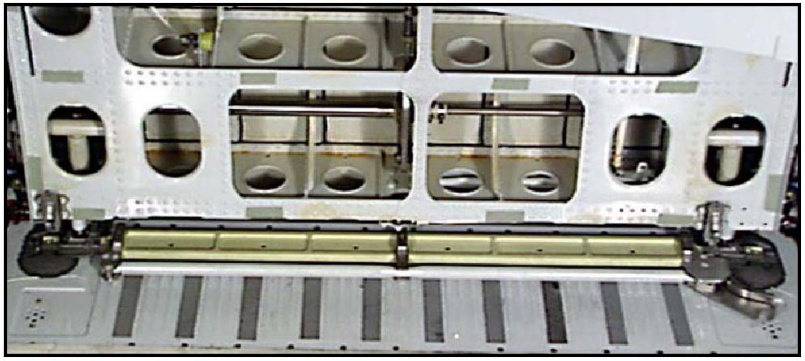
During the following procedure:
- do not open the door.
- do not pull the girt assembly.

Removal of the escape slide raft pack assembly

...
Job set-up
...
Procedure
...

- Remove the quick-release bar from the girt bar.
- Remove the pack-assembly from the door.
- Install the quick-release bar in the girt bar.
- Set the emergency control-handle to the DISARMED/MANUAL position, and install the safety pin.

...
Close-up
...



HANDLE IN THE ARMED POSITION

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - PASSENGER/CREW DOOR (TYPE A) SLIDE REMOVAL PROCEDURE

Removal of the escape slide raft pack assembly

...
✓ Job set-up
...
Procedure
...
✓ Remove the quick-release bar from the girt bar.

→ Remove the pack-assembly from the door.

Install the quick-release bar in the girt bar.

Set the emergency control-handle to the DISARMED/MANUAL position, and install the safety pin.

...
Close-up
...

Removal of the escape slide raft pack assembly

...
Job set-up
...
Procedure
...

- ✓ Remove the quick-release bar from the girt bar.
- ✓ Remove the pack-assembly from the door.
- ⇨ Install the quick-release bar in the girt bar.
- Set the emergency control-handle to the DISARMED/MANUAL position, and install the safety pin.

...
Close-up
...

Note:

The quick-release bar remains attached to the door so carrefully pull it from the girt assembly to fit it on the door again.

Removal of the escape slide raft pack assembly

...
✓ Job set-up
...
Procedure
...

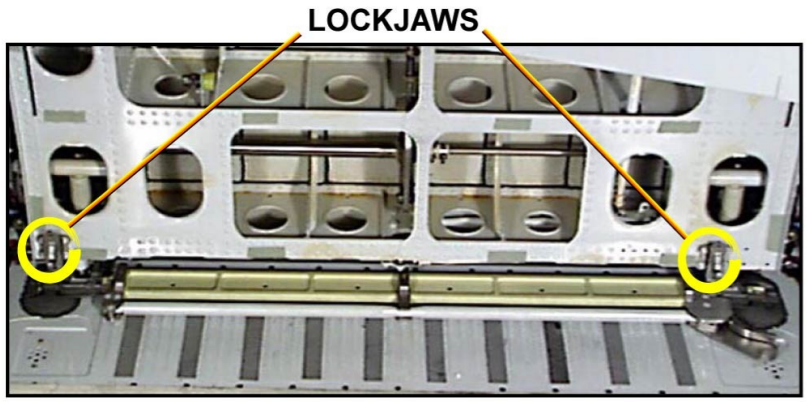
✓ Remove the quick-release bar from the girt bar.

✓ Remove the pack-assembly from the door.

✓ Install the quick-release bar in the girt bar.

➡ Set the emergency control-handle to the DISARMED/MANUAL position, and install the safety pin.

...
Close-up
...



HANDLE IN THE DISARMED POSITION

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - PASSENGER/CREW DOOR (TYPE A) SLIDE REMOVAL PROCEDURE

Removal of the escape slide raft pack assembly

...

✓ Job set-up

...

✓ Procedure

...

✓ Remove the quick-release bar from the girt bar.

✓ Remove the pack-assembly from the door.

✓ Install the quick-release bar in the girt bar.

✓ Set the emergency control-handle to the DISARMED/MANUAL position, and install the safety pin.

...

✓ Close-up

...

TASK COMPLETED

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - PASSENGER/CREW DOOR (TYPE A) SLIDE REMOVAL PROCEDURE

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G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EQUIPMENT/FURNISHINGS SYSTEM BASE MAINTENANCE (3)

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT (continued)

PRE-FIT INSPECTION BEFORE INSTALLATION OF THE ESCAPE FACILITIES

Before installation, you must check that the pack-assembly is serviceable. If installation is at a door where the escape-slide/raft has been deployed, make sure that the diaphragm is replaced in the percussion mechanism of the door damper and emergency exit.
Make sure that emergency lights are in good condition. In the cockpit, the EMER EXIT LT switch is set to the OFF position.
To do a door maintenance, make sure that the door handle and the attached slide/raft activating system are disarmed.
Inspect the new pack-assembly, and check that the inflation reservoir is safetied.
Install the pack-assembly in front of the door. Check and clean the component interface and adjacent area.
Make sure the lighting-switch pin is correctly installed. If necessary, push it into the housing until a click is heard.
Check the gage indicates a correct pressure. Model A gage has a green cursor which is temperature sensitive and the model B gage has a needle with an internal mechanism which is temperature sensitive.
Check the release pin installation and make sure that the parachute pin is installed in the speed lacing and safetied.
Make sure that the electrical harness is correctly connected to the pack-assembly.

CAUTION: IF THE ELECTRICAL HARNESS IS NOT CORRECTLY INSTALLED, IT CAN PREVENT THE CORRECT INFLATION AND/OR DEPLOYMENT OF THE ESCAPE SLIDE RAFT.

You can now fit the pack assembly onto the door.

G9409341 - GAUT0T0 - FM25Y2BASEMCE03

Inspection and preparation of component for installation

...

Job set-up

In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.

Make sure that the door is safetied:

...

Procedure

...

Make sure that the inflation reservoir of the pack-assembly is safetied.

Put the pack-assembly in front of the applicable door and do a visual inspection.

Make sure that the lighting switch pin is installed correctly.

Make sure the pressure gage indicates the correct pressure.

Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.

Install the electrical harness on the correct side of the pack-assembly.

...

Close-up

...

Note:

If installation is at a door where the escape-slide/raft has been deployed, make sure that the diaphragm is replaced in the percussion mechanism of the door damper and emergency exit.

G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - PRE-FIT INSPECTION BEFORE INSTALLATION OF THE ESCAPE FACILITIES

Inspection and preparation of component for installation

...

Job set-up

In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.

Make sure that the door is safetied:

...

Procedure

...

Make sure that the inflation reservoir of the pack-assembly is safetied.

Put the pack-assembly in front of the applicable door and do a visual inspection.

Make sure that the lighting switch pin is installed correctly.

Make sure the pressure gage indicates the correct pressure.

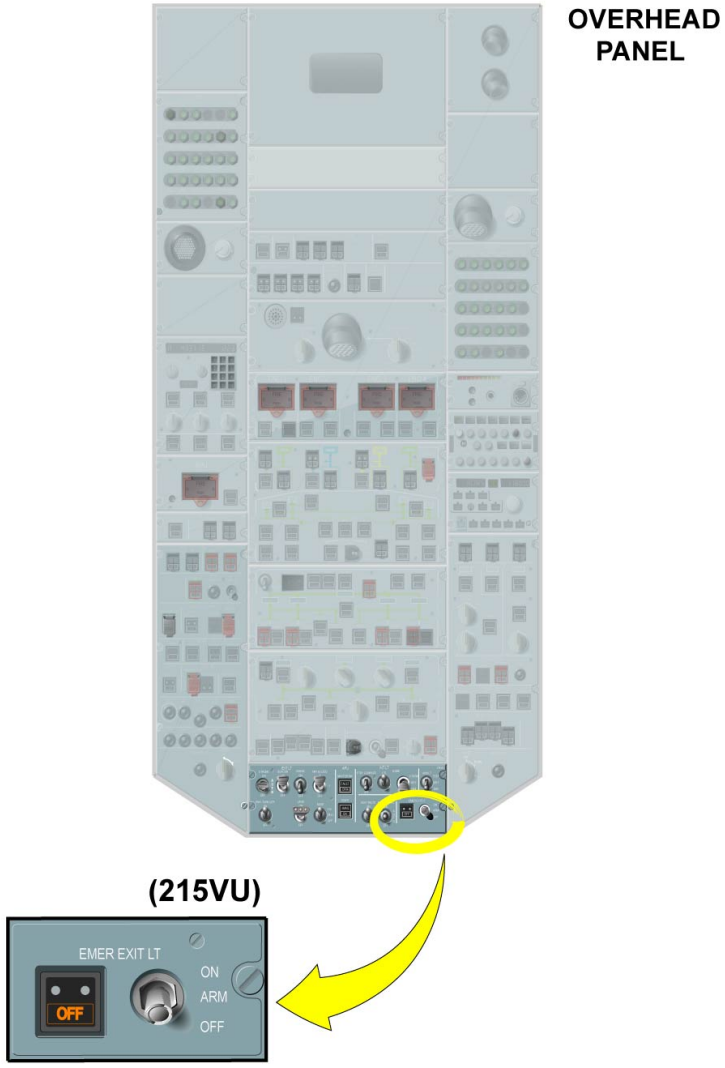
Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.

Install the electrical harness on the correct side of the pack-assembly.

...

Close-up

...



Inspection and preparation of component for installation

...

Job set-up

✓ **In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.**

⇨ **Make sure that the door is safetied:**

-Make sure that the stiker lever is safetied.
-Make sure that the emergency control-handle is set to the DISARMED/MANUAL position, with the safety pin installed.

...

Procedure

...

Make sure that the inflation reservoir of the pack-assembly is safetied.

Put the pack-assembly in front of the applicable door and do a visual inspection.

Make sure that the lighting switch pin is installed correctly.

Make sure the pressure gage indicates the correct pressure.

Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.

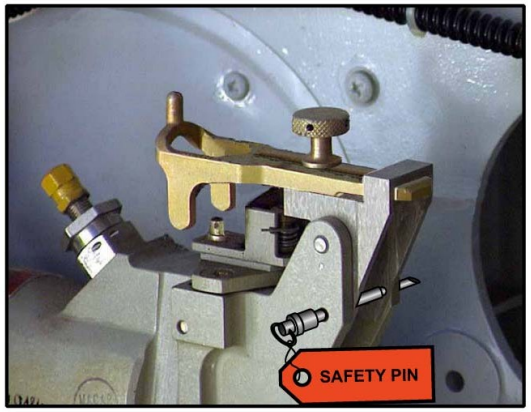
Install the electrical harness on the correct side of the pack-assembly.

...

Close-up

...

STRIKER LEVER



HANDLE IN DISARMED POSITION

G9409341 - GAUT0T0 - FM25Y2BASEMCE03

Inspection and preparation of component for installation

...

Job set-up

- In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.
- Make sure that the door is safetied:

...

Procedure

...

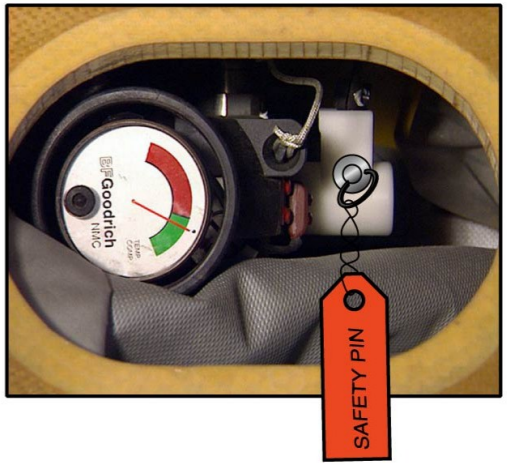
- Make sure that the inflation reservoir of the pack-assembly is safetied.
- Put the pack-assembly in front of the applicable door and do a visual inspection.
- Make sure that the lighting switch pin is installed correctly.
- Make sure the pressure gage indicates the correct pressure.
- Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.
- Install the electrical harness on the correct side of the pack-assembly.

...

Close-up

...

VALVE REGULATOR ASSEMBLY



G9409341 - GAUT0T0 - FM25Y2BASEMCE03

Inspection and preparation of component for installation

...

✓ Job set-up

✓ In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.

✓ Make sure that the door is safetied:

...

Procedure

...

✓ Make sure that the inflation reservoir of the pack-assembly is safetied.

✓ Put the pack-assembly in front of the applicable door and do a visual inspection.

⇨ Make sure that the lighting switch pin is installed correctly.

Make sure the pressure gage indicates the correct pressure.

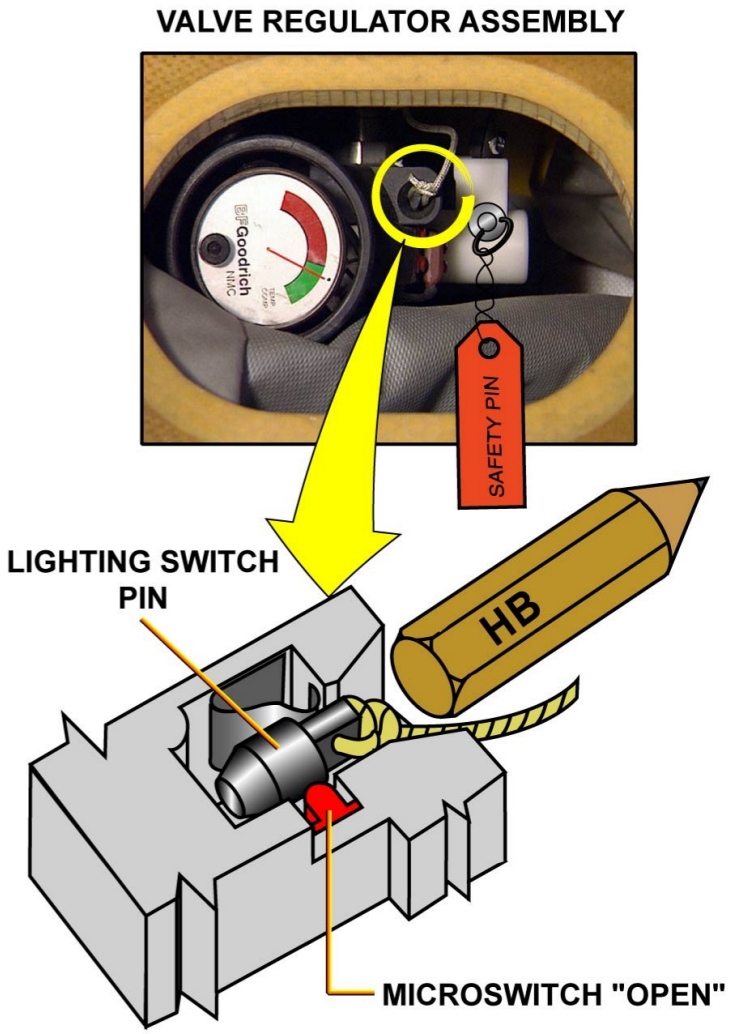
Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.

Install the electrical harness on the correct side of the pack-assembly.

...

Close-up

...



Inspection and preparation of component for installation

...

Job set-up

- In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.
- Make sure that the door is safetied:

...

Procedure

...

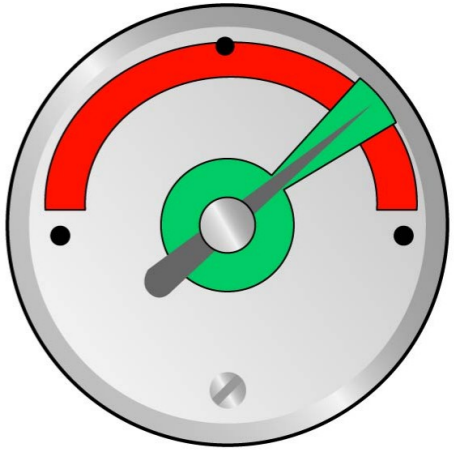
- Make sure that the inflation reservoir of the pack-assembly is safetied.
- Put the pack-assembly in front of the applicable door and do a visual inspection.
- Make sure that the lighting switch pin is installed correctly.
- Make sure the pressure gage indicates the correct pressure.
- Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.
- Install the electrical harness on the correct side of the pack-assembly.

...

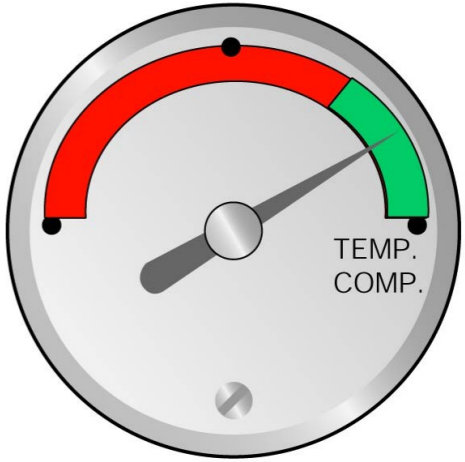
Close-up

...

MODEL A GAGE



MODEL B GAGE



G9409341 - GAUT0T0 - FM25Y2BASEMCE03

Inspection and preparation of component for installation

...

Job set-up

- In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.
- Make sure that the door is safetied:

...

Procedure

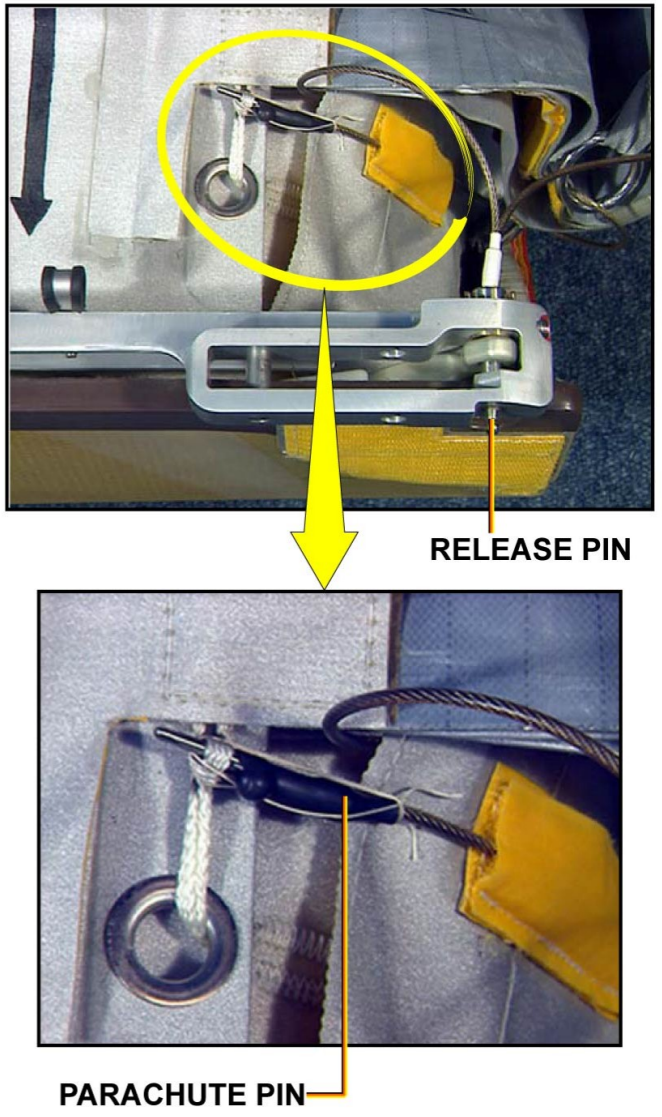
...

- Make sure that the inflation reservoir of the pack-assembly is safetied.
- Put the pack-assembly in front of the applicable door and do a visual inspection.
- Make sure that the lighting switch pin is installed correctly.
- Make sure the pressure gage indicates the correct pressure.
- **Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.**
- Install the electrical harness on the correct side of the pack-assembly.

...

Close-up

...



G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - PRE-FIT INSPECTION BEFORE INSTALLATION OF THE ESCAPE FACILITIES

Inspection and preparation of component for installation

...

Job set-up

- In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.
- Make sure that the door is safetied:

...

Procedure

...

- Make sure that the inflation reservoir of the pack-assembly is safetied.
- Put the pack-assembly in front of the applicable door and do a visual inspection.
- Make sure that the lighting switch pin is installed correctly.
- Make sure the pressure gage indicates the correct pressure.
- Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.
- **Install the electrical harness on the correct side of the pack-assembly.**

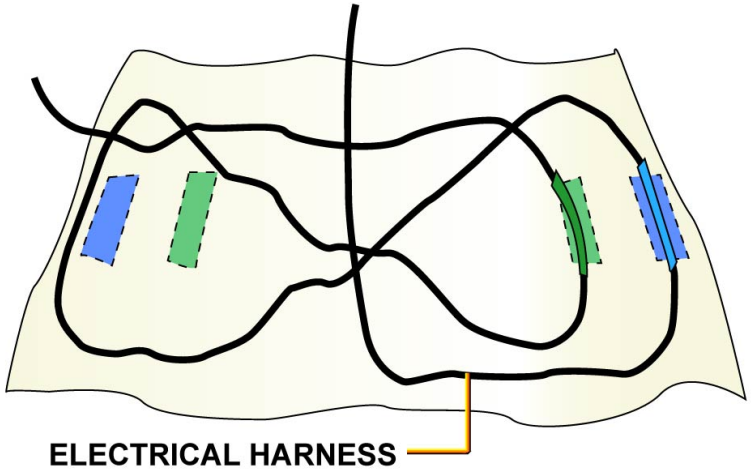
...

Close-up

...

Note:

This step shows the electrical harness installation for the LH side of the aircraft. For the RH side, install the electrical harness in the opposite direction.



CAUTION

If the electrical harness is not corrrectly installed, it can prevent the correct inflation and/or deployment of the escape slide raft.

G9409341 - GAUT0T0 - FM25Y2BASEMCE03

Inspection and preparation of component for installation

...

✓ **Job set-up**

✓ In the cockpit, make sure that the EMER EXIT LT switch is set to the OFF position.

✓ Make sure that the door is safetied:

...

✓ **Procedure**

...

✓ Make sure that the inflation reservoir of the pack-assembly is safetied.

✓ Put the pack-assembly in front of the applicable door and do a visual inspection.

✓ Make sure that the lighting switch pin is installed correctly.

✓ Make sure the pressure gage indicates the correct pressure.

✓ Make sure that the parachute pin is installed in the speed lacing, and safetied with the safety tie.

✓ Install the electrical harness on the correct side of the pack-assembly.

...

✓ **Close-up**

...

TASK COMPLETED

G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EQUIPMENT/FURNISHINGS SYSTEM BASE MAINTENANCE (3)

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT (continued)

INSTALLATION PROCEDURE (TYPE A DOOR) FOR THE ESCAPE FACILITIES

WARNING: DURING THIS PROCEDURE, USE PROTECTIVE CLOTHING, RUBBER GLOVES, GOGGLES AND MASK BEFORE YOU APPLY SPECIFIC MATERIALS. DO NOT PULL THE GIRT ASSEMBLY. IF YOU DO SO, YOU WILL OPEN THE PACK-ASSEMBLY.

Remove the slide safety pin, and set the control handle to the ARMED/AUTOMATIC position. Remove the quick-release bar from the door by pushing the release lever.

Carefully push the quick-release bar into the girt assembly.

To install the pack-assembly onto the door, connect the electrical connector, lift the pack and engage the release rails onto the hooks.

The pack must be secured by screws with specific materials.

Install the quick-release bar into the girt bar and pull the release lever away from the door to lock it in position.

Then set the emergency control handle to the DISARMED/MANUAL position and secure it with the slide safety pin.

Do a visual check of the installation:

- girt assembly attached with burr-strip,
- girt bar attached with lockjaw.

Perform an operational test of the emergency lights and test the escape facilities pressure indication on the Flight Attendant Panel (FAP).

If no other equipment/furnishings tasks have to be performed, the area can be closed, making sure that all tools, test and support used during this procedure have been removed.

Installation of the escape-slide raft pack-assembly

...
Job set-up
...
Procedure
...

- Remove the quick-release bar from the girt bar.
- Install the quick-release bar in the girt assembly.
- Install the pack-assembly on the door.
- Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.
- Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.
- Do after installation the detailed visual inspection.
- Make the test of the escape-facilities monitoring.

...
Close-up
...

WARNING
DURING THIS PROCEDURE, USE PROTECTIVE CLOTHING, RUBBER GLOVES, GOGGLES AND MASK BEFORE YOU APPLY SPECIFIC MATERIALS.
DO NOT PULL THE GIRT ASSEMBLY. IF YOU DO SO, YOU WILL OPEN THE PACK-ASSEMBLY.

Installation of the escape-slide raft pack-assembly

...
✓ Job set-up
...
Procedure
...

⇨ **Remove the quick-release bar from the girt bar.**

Install the quick-release bar in the girt assembly.

Install the pack-assembly on the door.

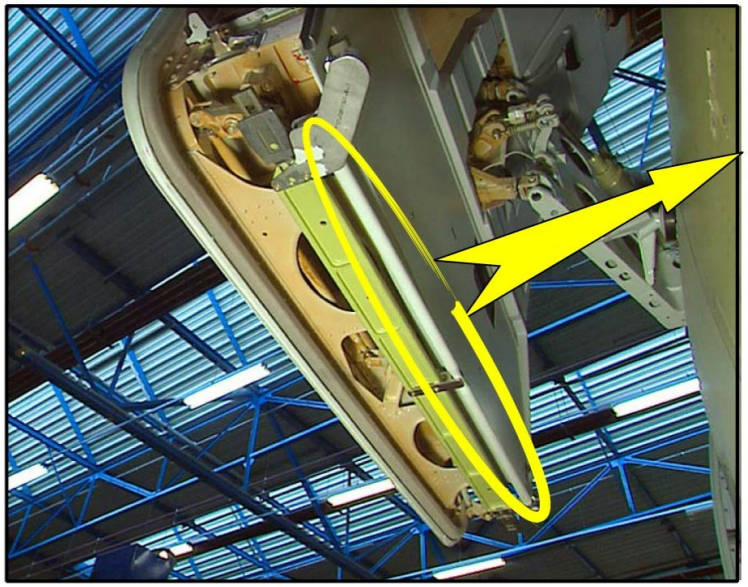
Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.

Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.

Do after installation the detailed visual inspection.

Make the test of the escape-facilities monitoring.

...
Close-up
...



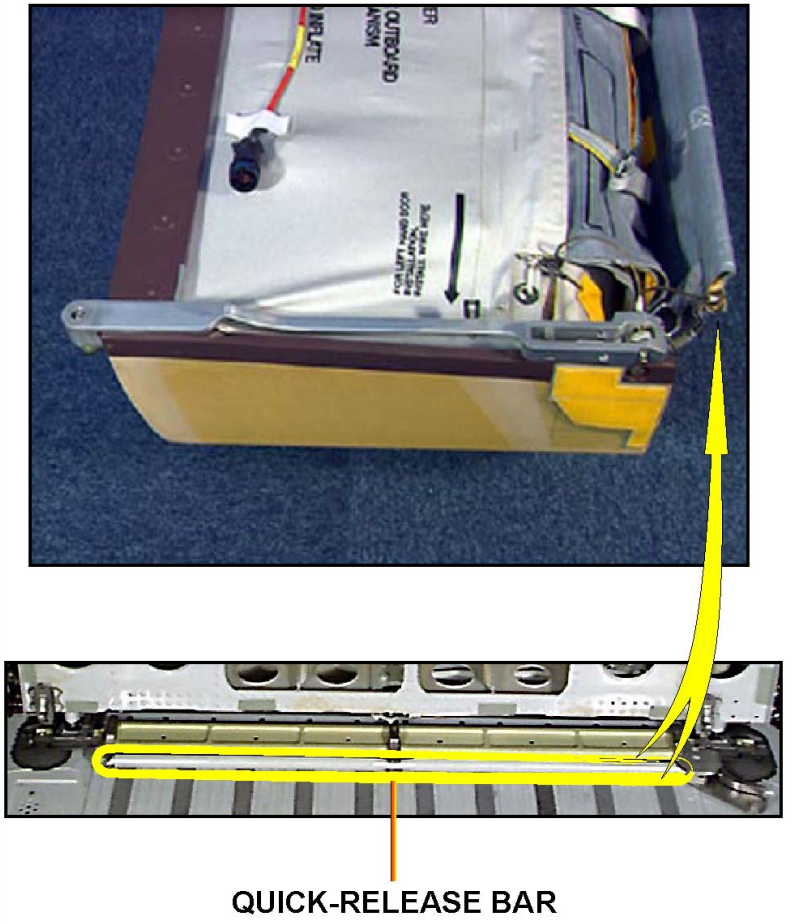
HANDLE IN THE ARMED POSITION

Installation of the escape-slide raft pack-assembly

...
Job set-up
...
Procedure
...

- ✓ Remove the quick-release bar from the girt bar.
- ⇨ Install the quick-release bar in the girt assembly.
- Install the pack-assembly on the door.
- Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.
- Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.
- Do after installation the detailed visual inspection.
- Make the test of the escape-facilities monitoring.

...
Close-up
...



G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - INSTALLATION PROCEDURE (TYPE A DOOR) FOR THE ESCAPE FACILITIES

Installation of the escape-slide raft pack-assembly

...
Job set-up
...
Procedure
...

- ✓ Remove the quick-release bar from the girt bar.
- ✓ Install the quick-release bar in the girt assembly.
- ⇨ **Install the pack-assembly on the door.**
- Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.
- Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.
- Do after installation the detailed visual inspection.
- Make the test of the escape-facilities monitoring.

...
Close-up
...

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - INSTALLATION PROCEDURE (TYPE A DOOR) FOR THE ESCAPE FACILITIES

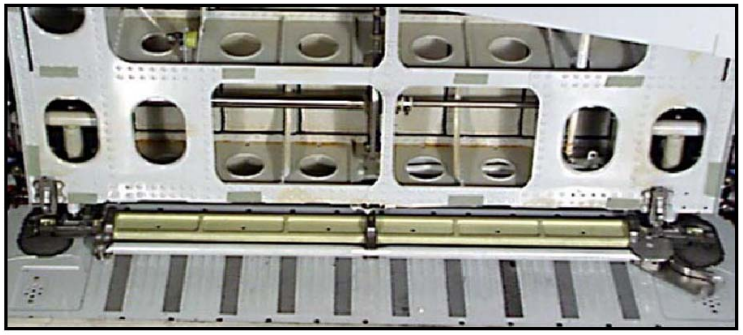
Installation of the escape-slide raft pack-assembly

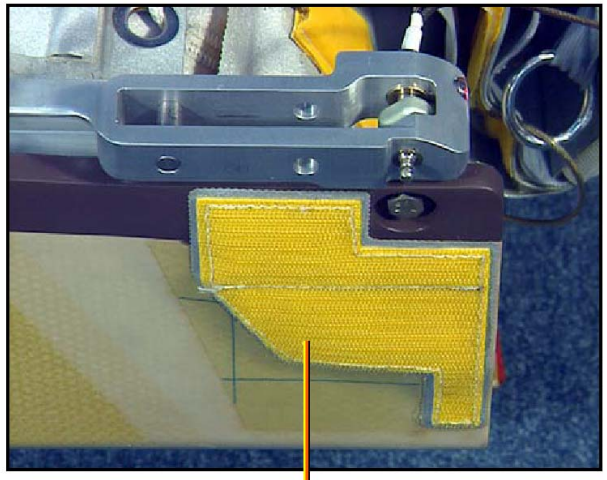
...
Job set-up
...
Procedure
...

- Remove the quick-release bar from the girt bar.
- Install the quick-release bar in the girt assembly.
- Install the pack-assembly on the door.
- **Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.**
- Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.
- Do after installation the detailed visual inspection.
- Make the test of the escape-facilities monitoring.

...
Close-up
...

RELEASE LEVER IN LOCKED POSITION





G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - INSTALLATION PROCEDURE (TYPE A DOOR) FOR THE ESCAPE FACILITIES

Installation of the escape-slide raft pack-assembly

...

✓ Job set-up

...

Procedure

...

✓ Remove the quick-release bar from the girt bar.

✓ Install the quick-release bar in the girt assembly.

✓ Install the pack-assembly on the door.

✓ Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.

✓ Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.

➡ Do after installation the detailed visual inspection.

Make the test of the escape-facilities monitoring.

...

Close-up

...

HANDLE IN THE DISARMED POSITION

Installation of the escape-slide raft pack-assembly

...

✓ Job set-up

...

Procedure

...

✓ Remove the quick-release bar from the girt bar.

✓ Install the quick-release bar in the girt assembly.

✓ Install the pack-assembly on the door.

✓ Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.

✓ Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.

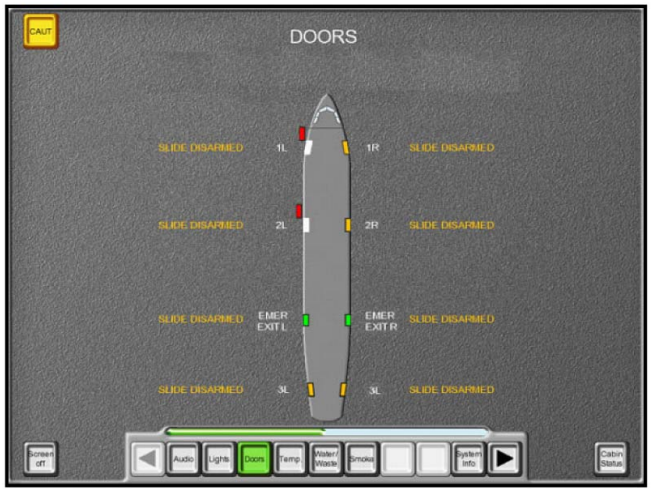
✓ Do after installation the detailed visual inspection.

⇨ Make the test of the escape-facilities monitoring.

...

Close-up

...



EXAMPLE OF AN A330 FAP DOOR PAGE

G9409341 - GAUT0T0 - FM25Y2BASEMCE03

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - INSTALLATION PROCEDURE (TYPE A DOOR) FOR THE ESCAPE FACILITIES

Installation of the escape-slide raft pack-assembly

...

✓ Job set-up

...

✓ Procedure

...

✓ Remove the quick-release bar from the girt bar.

✓ Install the quick-release bar in the girt assembly.

✓ Install the pack-assembly on the door.

✓ Install the quick-release bar in the girt bar and attach the girt assembly with the burr-strip to the bottom of the pack-assembly.

✓ Set the emergency control-handle to the DISARMED/MANUAL position and install the safety-pin.

✓ Do after installation the detailed visual inspection.

✓ Make the test of the escape-facilities monitoring.

...

✓ Close-up

...

TASK COMPLETED

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EQUIPMENT/FURNISHINGS SYSTEM BASE MAINTENANCE (3)

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT (continued)

EXIT DOOR (TYPE 1) SLIDE REMOVAL AND REPLACEMENT

The procedure for removal and installation is similar to a Type A door.

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NOTE:

REFER TO A/C MAINTENANCE MANUAL TASK:

ESCAPE FACILITIES - EMERGENCY EXIT (TYPE 1) - REMOVAL/INSTALLATION.

EMERGENCY ESCAPE SLIDE REMOVAL AND REPLACEMENT - EXIT DOOR (TYPE 1) SLIDE REMOVAL AND REPLACEMENT

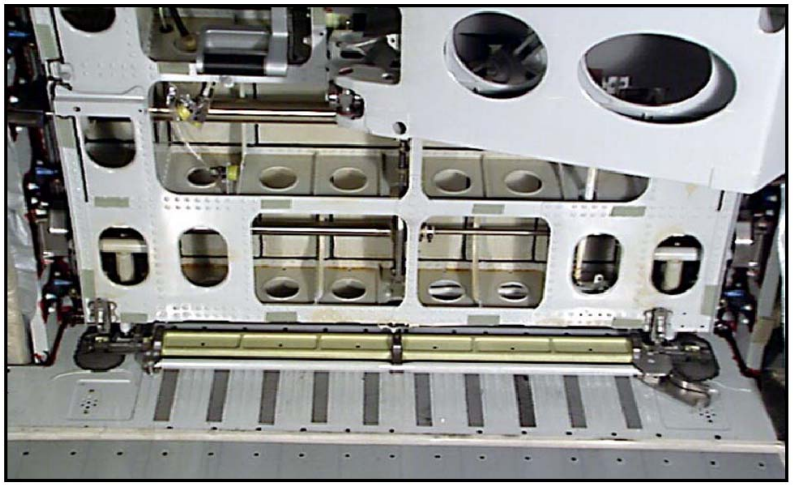
EQUIPMENT/FURNISHINGS SYSTEM BASE MAINTENANCE (3)

DOOR AREA HEATING SYSTEM MAINTENANCE

DOOR AREA HEATING SYSTEM BITE

The heated floor panel system can be tested through the MCDU.
On the MCDU, perform the GND SCANNING in CABIN menu, wait 180 s. Make sure that the "NO FAULT DETECTED" messages comes on.
If no other equipment/furnishing tasks have to be performed, the area can be closed, making sure that all tools, test and support used during this procedure have been removed.

Bite test of the door area heating system
...
Job set-up
...
Procedure
...
Do this test:
...
Close-up
...



HEATED FLOOR PANEL

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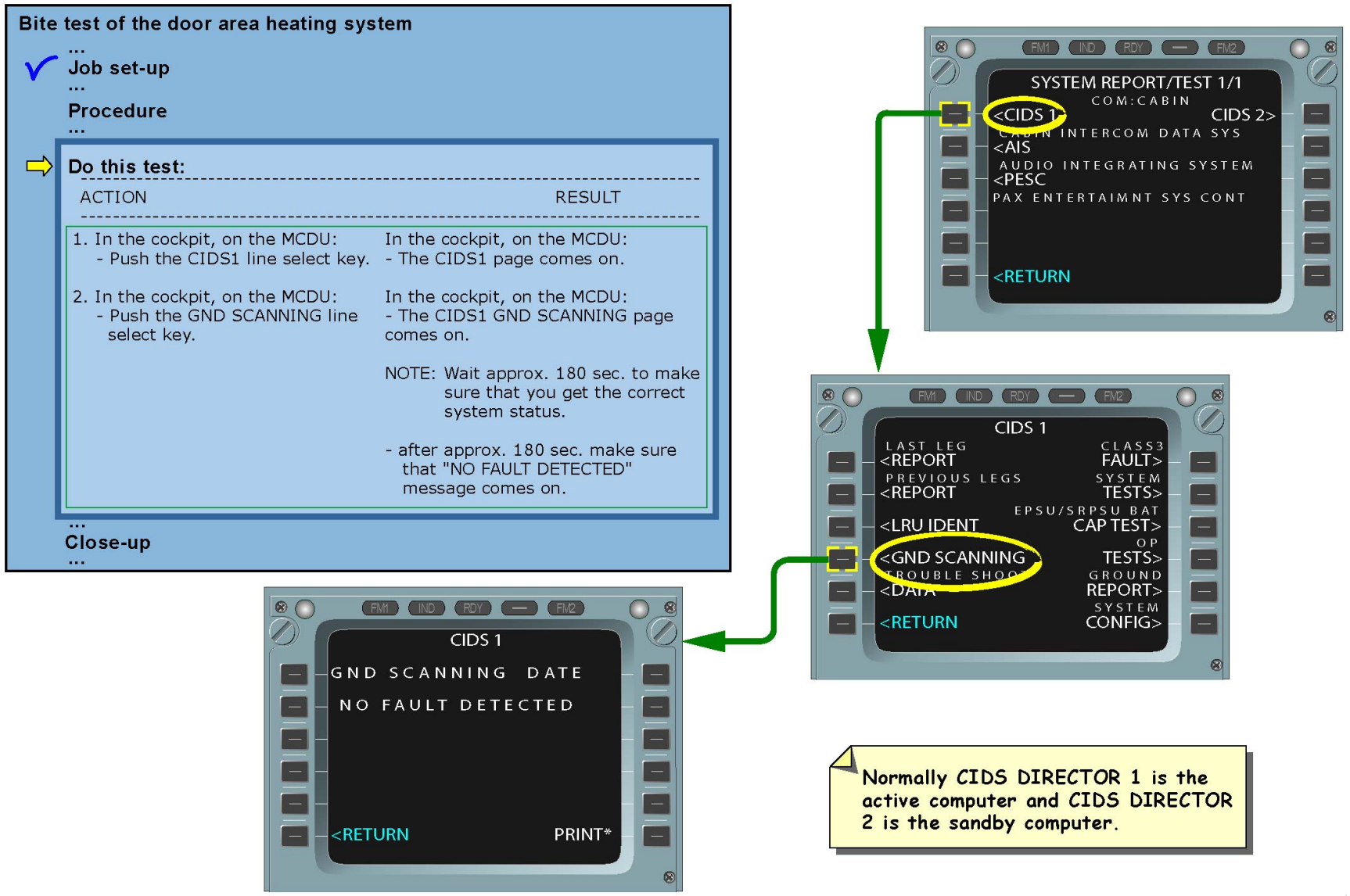

DOOR AREA HEATING SYSTEM MAINTENANCE - DOOR AREA HEATING SYSTEM BITE

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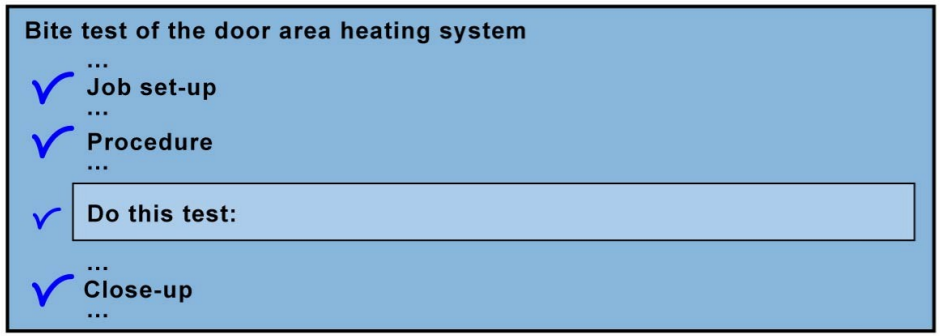

TASK COMPLETED

DOOR AREA HEATING SYSTEM MAINTENANCE - DOOR AREA HEATING SYSTEM BITE

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

DADO PANELS

REMOVAL OF THE DADO PANELS

NOTE: this procedure is the same for all types of Dado panels.
Release the studs with a spike.
Pull the Dado panel in the inboard direction to release it from the support.
Carefully remove the Dado panel.

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Removal of the Dado panels

...

✓ **Job set-up**

...

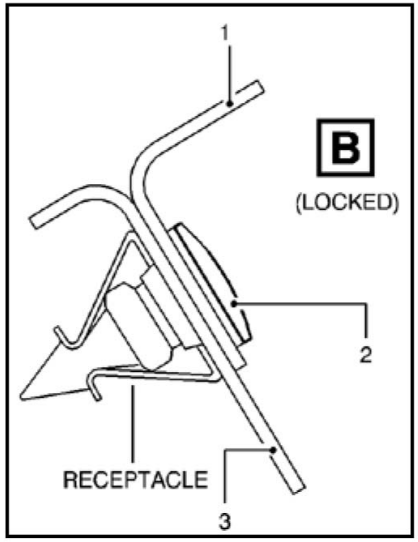
Procedure

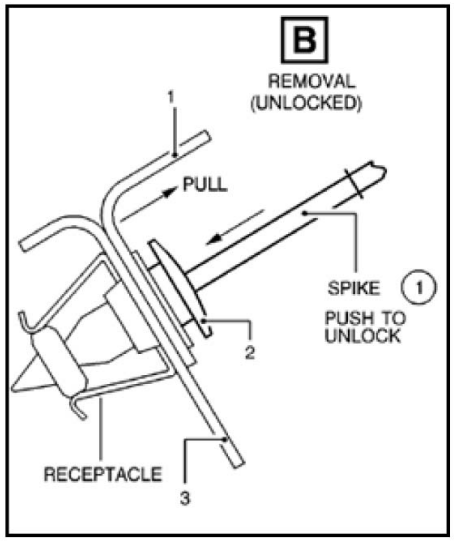
...

⇨ **Release the studs with a spike.**

Pull the Dado panel in the inboard direction to release it from the support.

NOTE: this procedure is the same for all types of Dado panels.





DADO PANELS - REMOVAL OF THE DADO PANELS

G9409341 - GAUT0T0 - FM25Y3000000001

Removal of the Dado panels

...

✓ **Job set-up**

...

Procedure

...

✓ **Release the studs with a spike.**

➡ **Pull the Dado panel in the inboard direction to release it from the support.**

DADO PANELS - REMOVAL OF THE DADO PANELS

Removal of the Dado panels

...

✓ Job set-up

...

✓ Procedure

...

✓ Release the studs with a spike.

✓ Pull the Dado panel in the inboard direction to release it from the support.

TASK COMPLETED

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

DADO PANELS (continued)

INSTALLATION OF THE DADO PANELS

NOTE: this procedure is the same for all types of Dado panels.
Make sure that the work area is clean and clear of tools and other items.
Carefully push the Dado panels in the outboard direction to engage it on the pins of the support.
Push the studs in until they lock into the floor angle.

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Installation of the Dado panels

...

✓ **Job set-up**

...

Procedure

...

Make sure that the work area is clean and clear of tools and other items.

Carefully push the Dado panels in the outboard direction to engage it on the pins of the support.

Push the studs in until they lock into the floor angle.

...

Close-up

NOTE: this procedure is the same for all types of Dado panels.

Installation of the Dado panels

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

⇨ **Carefully push the Dado panels in the outboard direction to engage it on the pins of the support.**

Push the studs in until they lock into the floor angle.

...

Close-up

DADO PANELS - INSTALLATION OF THE DADO PANELS

Installation of the Dado panels

...

✓ **Job set-up**

...

Procedure

...

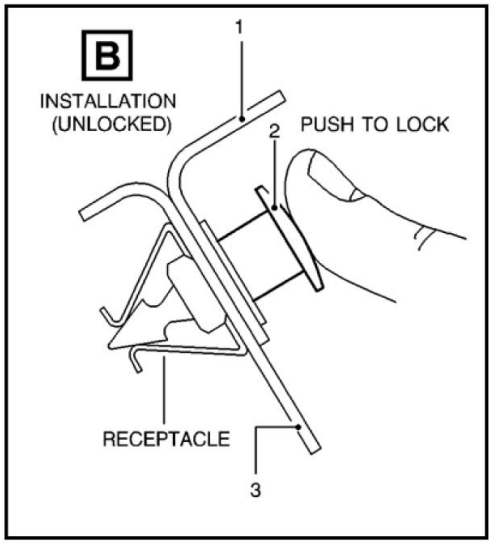
✓ **Make sure that the work area is clean and clear of tools and other items.**

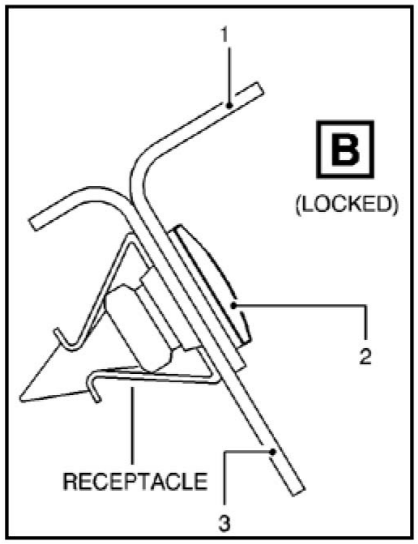
✓ **Carefully push the Dado panels in the outboard direction to engage it on the pins of the support.**

⇨ **Push the studs in until they lock into the floor angle.**

...

Close-up





DADO PANELS - INSTALLATION OF THE DADO PANELS

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of the Dado panels

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

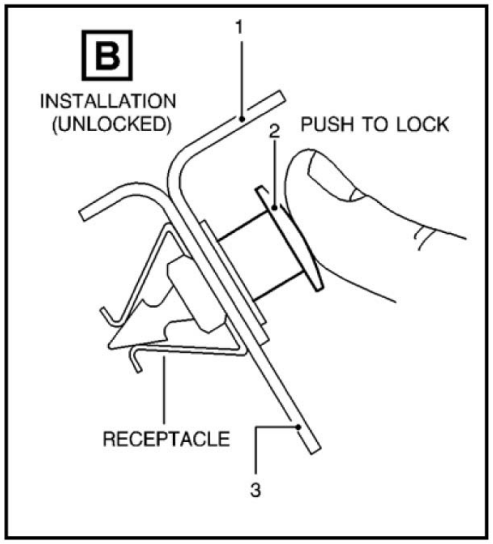
✓ **Carefully push the Dado panels in the outboard direction to engage it on the pins of the support.**

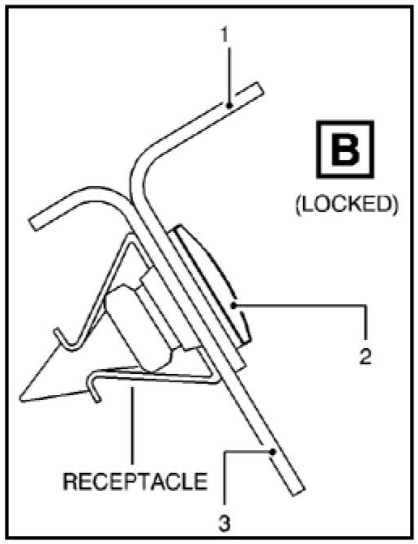
✓ **Push the studs in until they lock into the floor angle.**

...

✓ **Close-up**

TASK COMPLETED





DADO PANELS - INSTALLATION OF THE DADO PANELS

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LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

SIDEWALL PANELS

REMOVAL OF THE SIDEWALL PANEL

NOTE: the removal procedure is applicable for the LH and RH sidewall panels and for all types of the sidewall panels.

Pull the infillstrips out at the top of the sidewall panel.

Remove the screws at the top of the sidewall panel.

Carefully pull the sidewall panel inboard to release the retainers from the support.

Remove the sidewall panel.

G9409341 - GAUT0T0 - FM25Y3000000001

Removal of the Sidewall panels

...

✓ **Job set-up**

...

Procedure

...

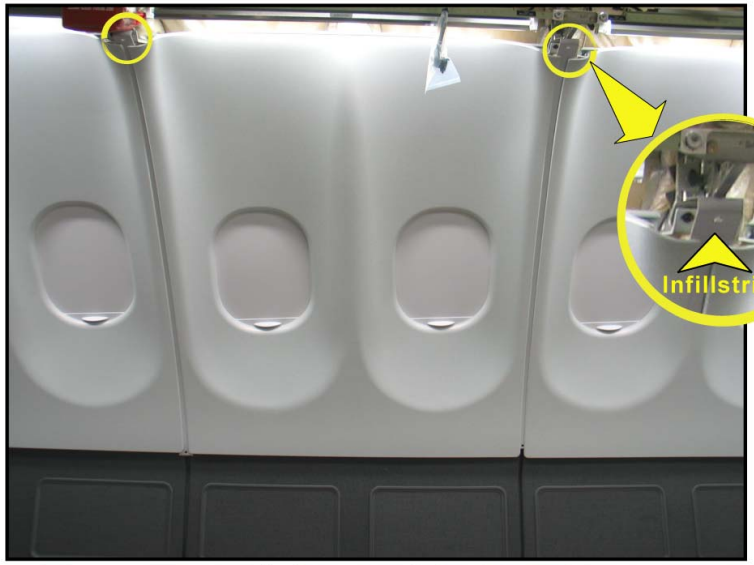
Pull the infillstrips out at the top of the sidewall panel.

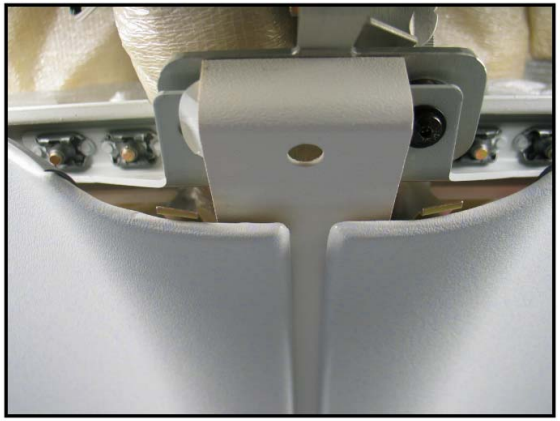
Remove the screws at the top of the sidewall panel.

Carefully pull the sidewall panel inboard to release the retainers from the support.

Remove the sidewall panel.

NOTE: the removal procedure is applicable for the LH and RH Sidewall panels and for all types of the Sidewall panels.





SIDEWALL PANELS - REMOVAL OF THE SIDEWALL PANEL

Removal of the Sidewall panels

...

✓ Job set-up

...

Procedure

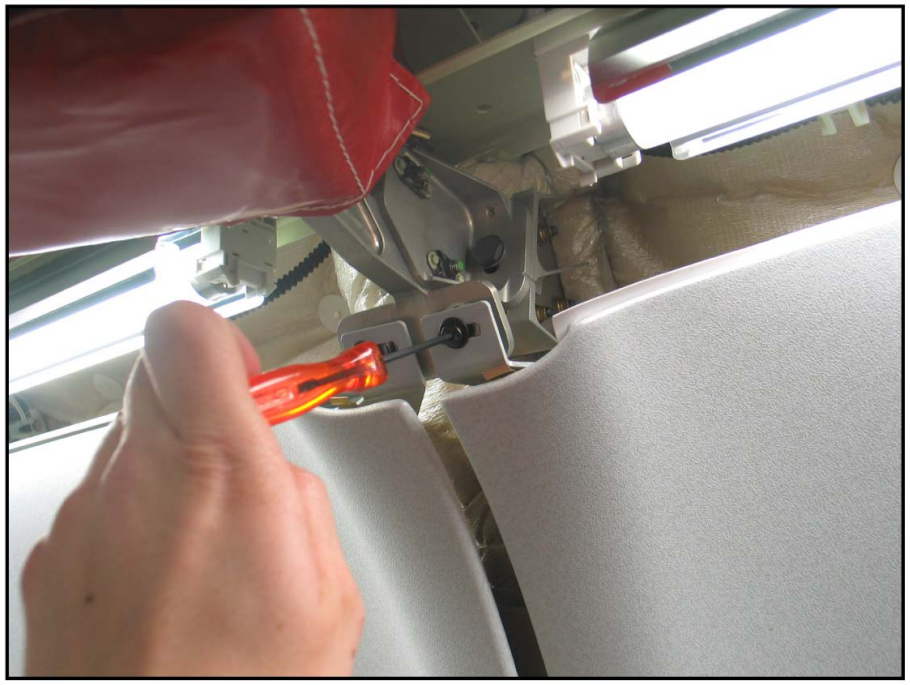
...

✓ Pull the infillstrips out at the top of the sidewall panel.

⇨ Remove the screws at the top of the sidewall panel.

Carefully pull the sidewall panel inboard to release the retainers from the support.

Remove the sidewall panel.



SIDEWALL PANELS - REMOVAL OF THE SIDEWALL PANEL

Removal of the Sidewall panels

...

✓ **Job set-up**

...

Procedure

...

✓ **Pull the infillstrips out at the top of the sidewall panel.**

✓ **Remove the screws at the top of the sidewall panel.**

⇨ **Carefully pull the sidewall panel inboard to release the retainers from the support.**

Remove the sidewall panel.

SIDEWALL PANELS - REMOVAL OF THE SIDEWALL PANEL

Removal of the Sidewall panels

...

✓ **Job set-up**

...

Procedure

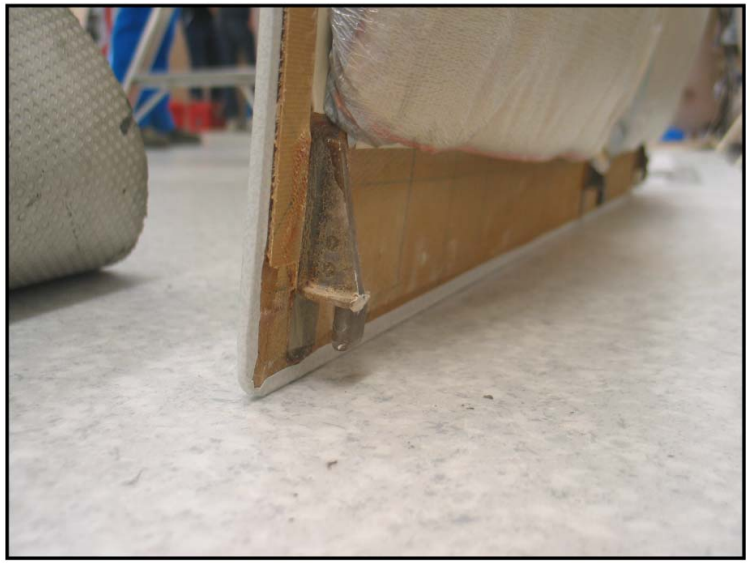
...

✓ **Pull the infillstrips out at the top of the sidewall panel.**

✓ **Remove the screws at the top of the sidewall panel.**

✓ **Carefully pull the sidewall panel inboard to release the retainers from the support.**

⇨ **Remove the sidewall panel.**



SIDEWALL PANELS - REMOVAL OF THE SIDEWALL PANEL

Removal of the Sidewall panels

...

✓ Job set-up

...

✓ Procedure

...

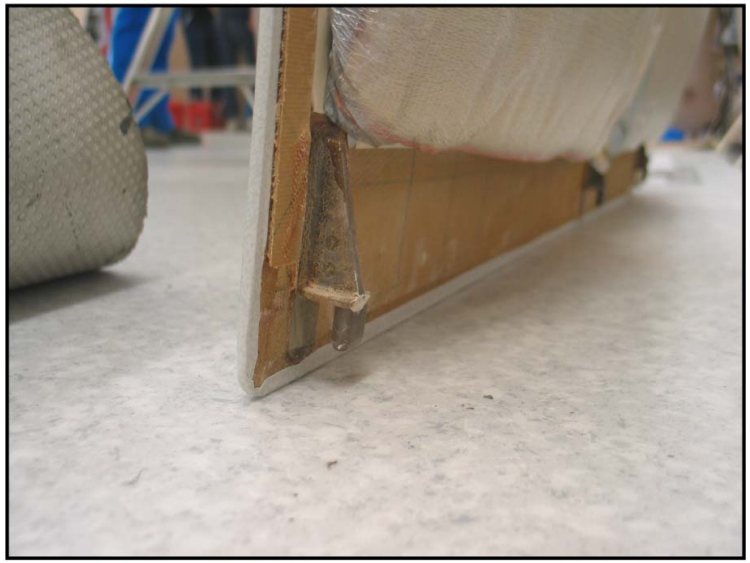
✓ Pull the infillstrips out at the top of the sidewall panel.

✓ Remove the screws at the top of the sidewall panel.

✓ Carefully pull the sidewall panel inboard to release the retainers from the support.

✓ Remove the sidewall panel.

TASK COMPLETED



SIDEWALL PANELS - REMOVAL OF THE SIDEWALL PANEL

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

SIDEWALL PANELS (continued)

INSTALLATION OF THE SIDEWALL PANELS

NOTE: the installation procedure is applicable for the LH and RH sidewall panels and for all types of sidewall panels.

Make sure that the work area is clean and clear of tools and other items.

Make sure the window foam ring is properly installed.

Push the sidewall panel down to engage the retainers in the support.

Install and tighten the screws at the top of the sidewall panel.

Install the infillstrips at the top and between the sidewall panels.

Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

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Installation of the Sidewall panels

...

✓ **Job set-up**

...

Procedure

...

⇨ **Make sure that the work area is clean and clear of tools and other items.**

Make sure the window foam ring is properly installed.

Push the sidewall panel down to engage the retainers in the support.

Install and tighten the screws at the top of the sidewall panel.

Install the infillstrips at the top and between the sidewall panels.

Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

Close-up

NOTE: the installation procedure is applicable for the LH and RH sidewall panels and for all types of sidewall panels.

SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

Installation of the Sidewall panels

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

⇨ **Make sure the window foam ring is properly installed.**

Push the sidewall panel down to engage the retainers in the support.

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Install the infillstrips at the top and between the sidewall panels.

Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

Close-up

SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

Installation of the Sidewall panels

...

✓ Job set-up

...

Procedure

...

✓ Make sure that the work area is clean and clear of tools and other items.

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Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

Close-up

SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of the Sidewall panels

...

✓ Job set-up

...

Procedure

...

✓ Make sure that the work area is clean and clear of tools and other items.

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✓ Push the sidewall panel down to engage the retainers in the support.

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Install the infillstrips at the top and between the sidewall panels.

Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

Close-up

SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

Installation of the Sidewall panels

...

✓ Job set-up

...

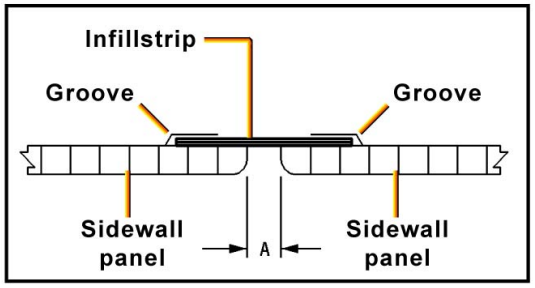
Procedure

...

- ✓ Make sure that the work area is clean and clear of tools and other items.
- ✓ Make sure the window foam ring is properly installed.
- ✓ Push the sidewall panel down to engage the retainers in the support.
- ✓ Install and tighten the screws at the top of the sidewall panel.
- ⇨ Install the infillstrips at the top and between the sidewall panels.
- Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

Close-up



SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

Installation of the Sidewall panels

...

✓ Job set-up

...

Procedure

...

✓ Make sure that the work area is clean and clear of tools and other items.

✓ Make sure the window foam ring is properly installed.

✓ Push the sidewall panel down to engage the retainers in the support.

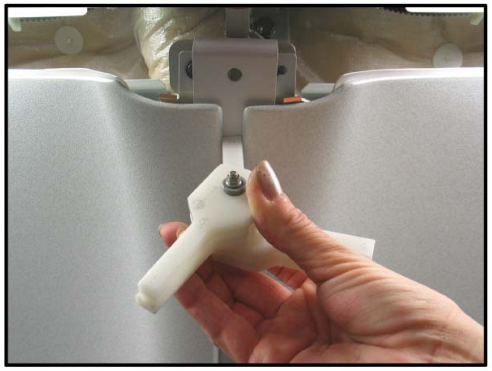
✓ Install and tighten the screws at the top of the sidewall panel.

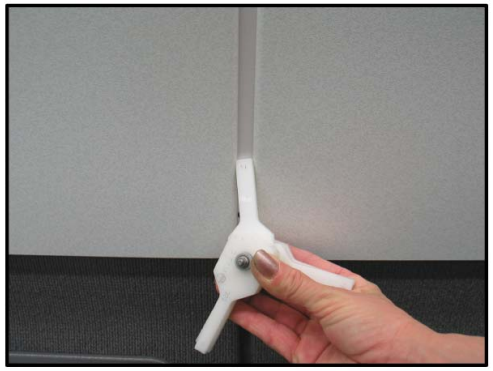
✓ Install the infillstrips at the top and between the sidewall panels.

⇨ Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

Close-up





SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

Installation of the Sidewall panels

...

✓ Job set-up

...

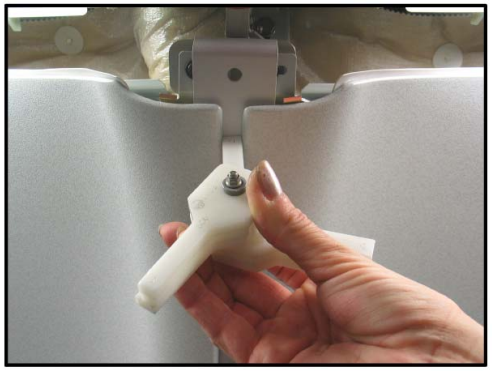
✓ Procedure

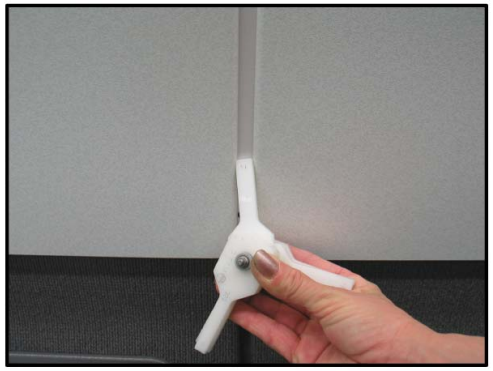
...

- ✓ Make sure that the work area is clean and clear of tools and other items.
- ✓ Make sure the window foam ring is properly installed.
- ✓ Push the sidewall panel down to engage the retainers in the support.
- ✓ Install and tighten the screws at the top of the sidewall panel.
- ✓ Install the infillstrips at the top and between the sidewall panels.
- ✓ Check the clearance between the two-sidewall panels (10.0+2.0-2.0 mm).

...

✓ Close-up





TASK COMPLETED

SIDEWALL PANELS - INSTALLATION OF THE SIDEWALL PANELS

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

LIGHT COVERS

REMOVAL OF THE LIGHT COVERS

NOTE: the removal procedure of the lateral light covers is the same for the left and the right sides.

Remove the plastic covers from the quick release fasteners, without using a sharp tool.

Loosen the quick release fasteners.

Carefully remove the lateral light cover towards the inboard direction.

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Removal of the light covers

...

✓ **Job set-up**

...

Procedure

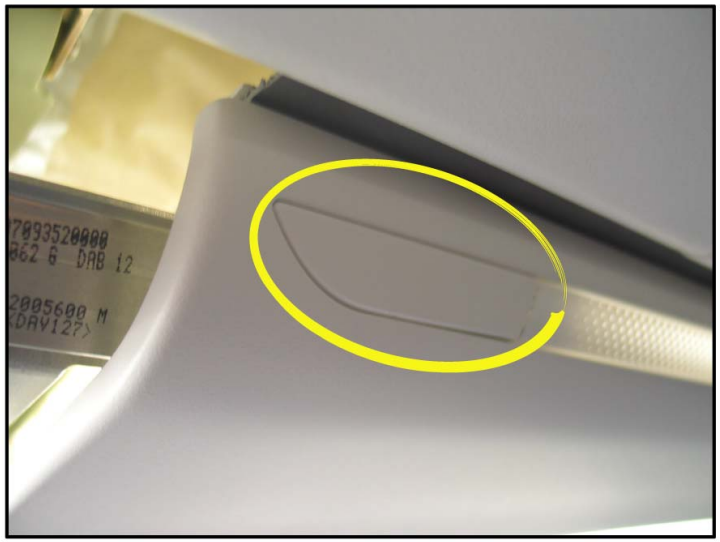
...

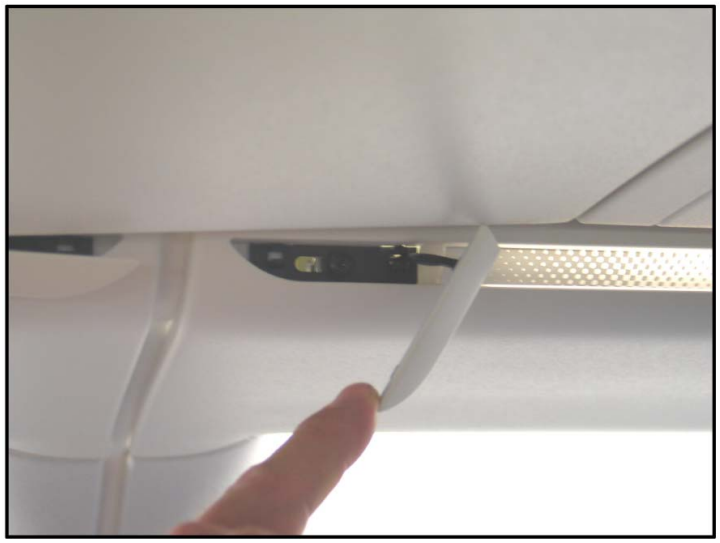
⇨ **Remove the plastic covers from the quick release fasteners, without using a sharp tool.**

Loosen the quick release fasteners.

Carefully remove the lateral light cover towards the inboard direction.

NOTE: the removal procedure of the lateral light covers is the same for the left and the right sides.





LIGHT COVERS - REMOVAL OF THE LIGHT COVERS

Removal of the light covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Remove the plastic covers from the quick release fasteners, without using a sharp tool.**

⇨ **Loosen the quick release fasteners.**

Carefully remove the lateral light cover towards the inboard direction.

LIGHT COVERS - REMOVAL OF THE LIGHT COVERS

Removal of the light covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Remove the plastic covers from the quick release fasteners, without using a sharp tool.**

✓ **Loosen the quick release fasteners.**

⇨ **Carefully remove the lateral light cover towards the inboard direction.**

LIGHT COVERS - REMOVAL OF THE LIGHT COVERS

Removal of the light covers

...

✓ **Job set-up**

...

✓ **Procedure**

...

✓ **Remove the plastic covers from the quick release fasteners, without using a sharp tool.**

✓ **Loosen the quick release fasteners.**

✓ **Carefully remove the lateral light cover towards the inboard direction.**

TASK COMPLETED

LIGHT COVERS - REMOVAL OF THE LIGHT COVERS

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LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

LIGHT COVERS (continued)

INSTALLATION OF THE LIGHT COVERS

Make sure that the work area is clean and clear of tools and other items.
Carefully put the lateral light cover in position. Slide the lower part between the sidewall panel and the clips.
Fasten the quick release fasteners and put the plastic covers back.
Make sure that:
- the lateral light cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap to the adjacent lateral light covers,
- the gap between the lateral light covers is in line with the gap between the adjacent sidewall linings.

Installation of the light covers

...

✓ **Job set-up**

...

Procedure

...

Make sure that the work area is clean and clear of tools and other items.

Carefully put the lateral light cover in position. Slide the lower part between the sidewall panel and the clips.

Fasten the quick release fasteners and put the plastic covers back.

Make sure that:
- the lateral light cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap to the adjacent lateral light covers,
- the gap between the lateral light covers is in line with the gap between the adjacent sidewall linings.

...

Close-up

LIGHT COVERS - INSTALLATION OF THE LIGHT COVERS

Installation of the light covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

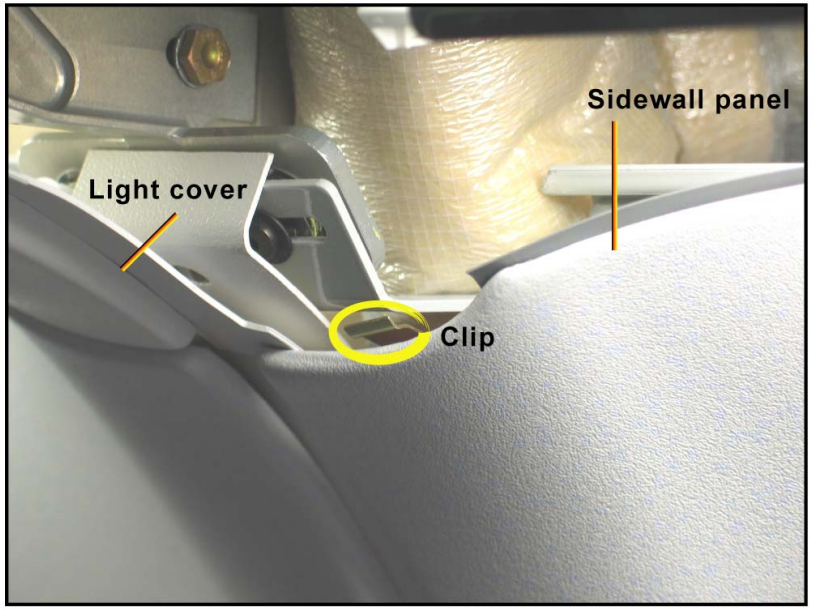
➡ **Carefully put the lateral light cover in position. Slide the lower part between the sidewall panel and the clips.**

Fasten the quick release fasteners and put the plastic covers back.

Make sure that:
- **the lateral light cover is correctly attached,**
- **there is a sufficient overlap of the sealing lips,**
- **the sealing lips are not twisted,**
- **there is a sufficient gap to the adjacent lateral light covers,**
- **the gap between the lateral light covers is in line with the gap between the adjacent sidewall linings.**

...

Close-up



LIGHT COVERS - INSTALLATION OF THE LIGHT COVERS

Installation of the light covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

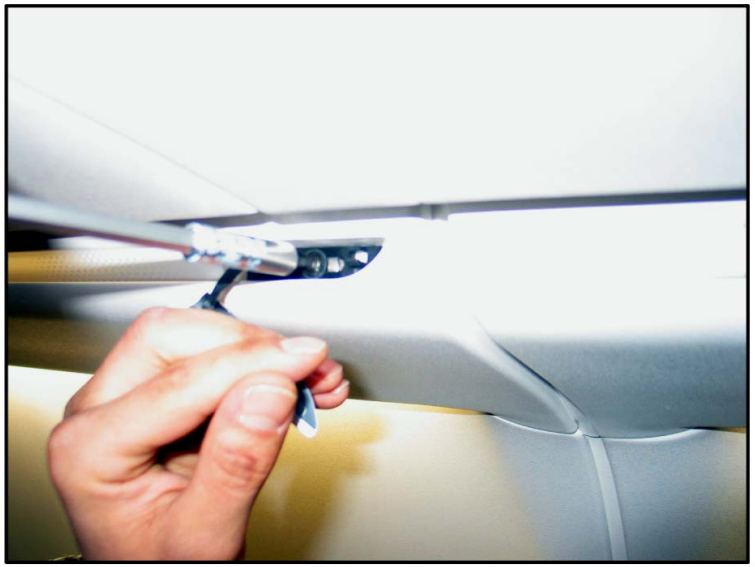
✓ **Carefully put the lateral light cover in position. Slide the lower part between the sidewall panel and the clips.**

⇨ **Fasten the quick release fasteners and put the plastic covers back.**

Make sure that:
- **the lateral light cover is correctly attached,**
- **there is a sufficient overlap of the sealing lips,**
- **the sealing lips are not twisted,**
- **there is a sufficient gap to the adjacent lateral light covers,**
- **the gap between the lateral light covers is in line with the gap between the adjacent sidewall linings.**

...

Close-up



LIGHT COVERS - INSTALLATION OF THE LIGHT COVERS

Installation of the light covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

✓ **Carefully put the lateral light cover in position. Slide the lower part between the sidewall panel and the clips.**

✓ **Fasten the quick release fasteners and put the plastic covers back.**

⇨ **Make sure that:**
- **the lateral light cover is correctly attached,**
- **there is a sufficient overlap of the sealing lips,**
- **the sealing lips are not twisted,**
- **there is a sufficient gap to the adjacent lateral light covers,**
- **the gap between the lateral light covers is in line with the gap between the adjacent sidewall linings.**

...

Close-up

LIGHT COVERS - INSTALLATION OF THE LIGHT COVERS

Installation of the light covers

...

✓ **Job set-up**

...

✓ **Procedure**

...

✓ **Make sure that the work area is clean and clear of tools and other items.**

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✓ **Make sure that:**
- **the lateral light cover is correctly attached,**
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- **the sealing lips are not twisted,**
- **there is a sufficient gap to the adjacent lateral light covers,**
- **the gap between the lateral light covers is in line with the gap between the adjacent sidewall linings.**

...

✓ **Close-up**

TASK COMPLETED

LIGHT COVERS - INSTALLATION OF THE LIGHT COVERS

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

PASSENGER SERVICE UNIT (PSU)

REMOVAL OF A PSU

To open the PSU: at the aisle side of the PSU, carefully bend the rubber strip down and loosen the screws counter clockwise of one and a quarter. To unscrew, use a screwdriver with phillips head. Carefully lower the PSU and disconnect the electrical connectors. Lift and hold the PSU, loosen and unlock the remaining screws from the mounting rail and remove the PSU.

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Removal of the Passenger Service Unit(PSU)

...

✓ **Job set-up**

...

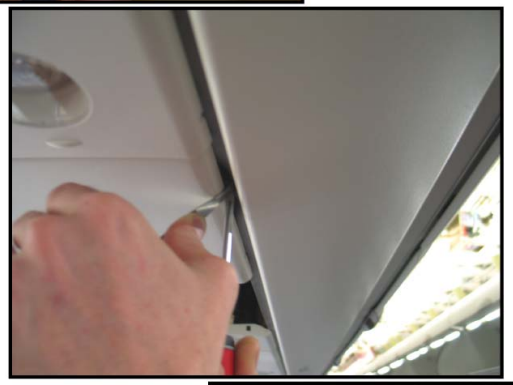
Procedure

...

⇨ **To open the PSU: at the aisle side of the PSU, carefully bend the rubber strip down and loosen the screws counter clockwise of one and a quarter.**
To unscrew, use a screwdriver with phillips head.

Carefully lower the PSU and disconnect the electrical connectors.

Lift and hold the PSU, loosen and unlock the remaining screws from the mounting rail and remove the PSU.



PASSENGER SERVICE UNIT (PSU) - REMOVAL OF A PSU

Removal of the Passenger Service Unit(PSU)

...

✓ **Job set-up**

...

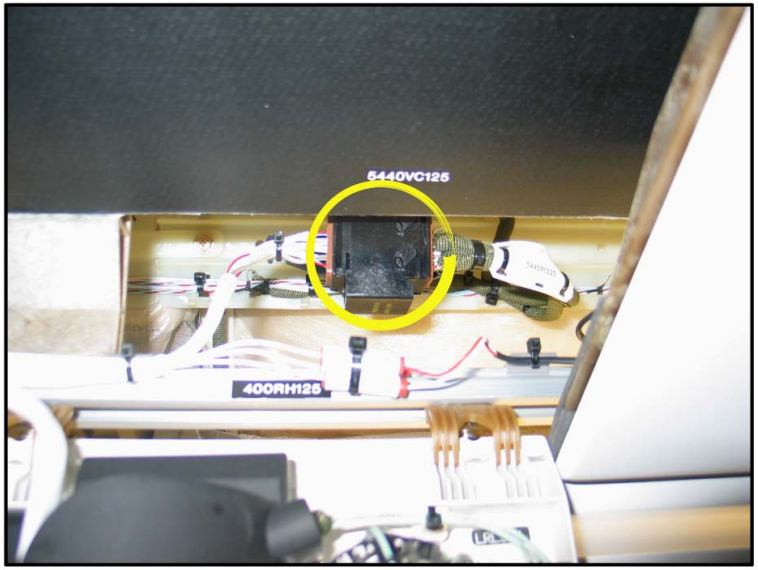
Procedure

...

✓ **To open the PSU: at the aisle side of the PSU, carefully bend the rubber strip down and loosen the screws counter clockwise of one and a quarter.**
To unscrew, use a screwdriver with phillips head.

⇨ **Carefully lower the PSU and disconnect the electrical connectors.**

Lift and hold the PSU, loosen and unlock the remaining screws from the mounting rail and remove the PSU.



PASSENGER SERVICE UNIT (PSU) - REMOVAL OF A PSU

Removal of the Passenger Service Unit(PSU)

...

✓ Job set-up

...

Procedure

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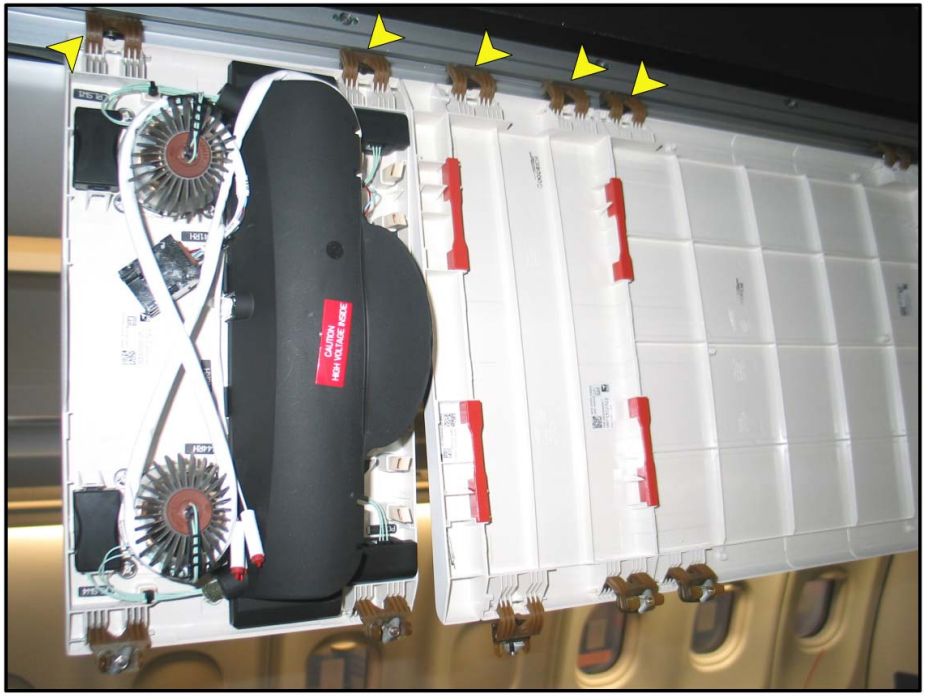
✓ To open the PSU: at the aisle side of the PSU, carefully bend the rubber strip down and loosen the screws counter clockwise of one and a quarter.
To unscrew, use a screwdriver with phillips head.

✓ Carefully lower the PSU and disconnect the electrical connectors.

⇨ Lift and hold the PSU, loosen and unlock the remaining screws from the mounting rail and remove the PSU.



PASSENGER SERVICE UNIT (PSU) - REMOVAL OF A PSU

Removal of the Passenger Service Unit(PSU)

...

✓ Job set-up

...

✓ Procedure

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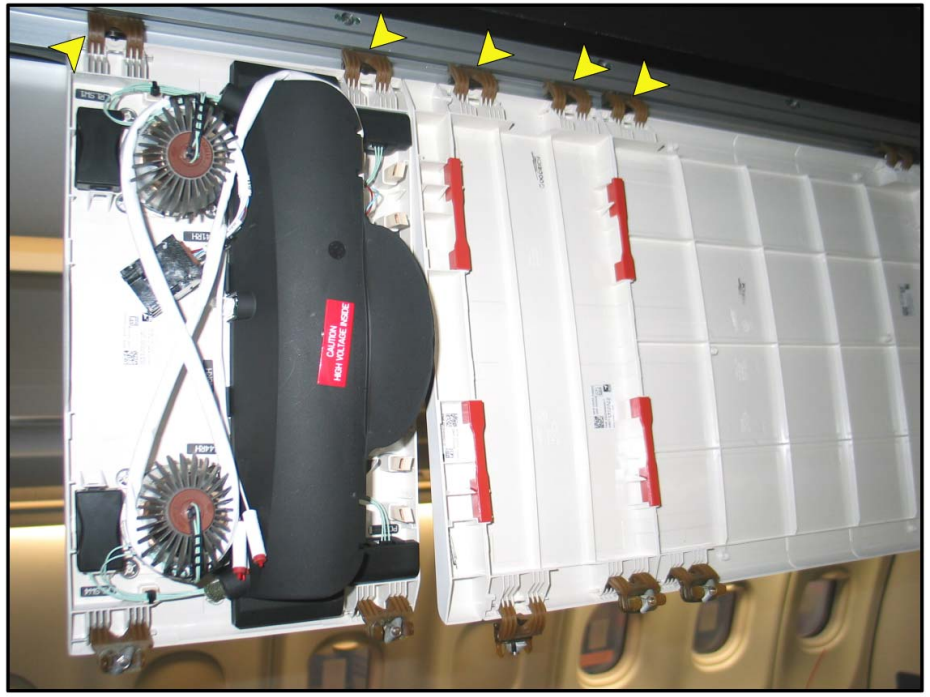
To unscrew, use a screwdriver with phillips head.

✓ Carefully lower the PSU and disconnect the electrical connectors.

✓ Lift and hold the PSU, loosen and unlock the remaining screws from the mounting rail and remove the PSU.

TASK COMPLETED



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LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

PASSENGER SERVICE UNIT (PSU) (continued)

INSTALLATION OF A PSU

Put the PSU in position and engage the locking devices in the mounting rail. Make sure that you hear a click when locking devices are being locked.
Make sure that the electrical connectors are clean and in good condition then connect it.
Make sure that the work area is clean and clear of tools and other items. Lift the PSU in position and engage the remaining locking devices in the mounting rail. Make sure you hear the click.
Torque the screws to the 0.1 m.daN with a screwdriver-torque.

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Installation of the Passenger Service Unit(PSU)

...

✓ Job set-up

...

Procedure

...

⇨ Put the PSU in position and engage the locking devices in the mounting rail. Make sure that you hear a click when locking devices are being locked.

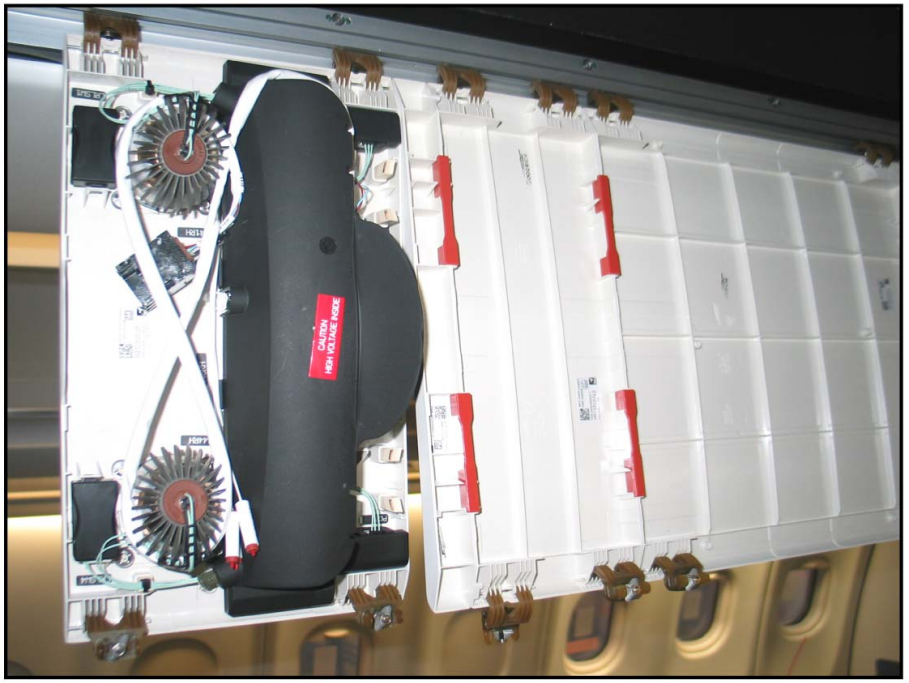
Make sure that the electrical connectors are clean and in good condition then connect it.

Make sure that the work area is clean and clear of tools and other items. Lift the PSU in position and engage the remaining locking devices in the mounting rail. Make sure you hear the click.

Torque the screws to the 0.1 m.daN with a screwdriver-torque.

...

Close-up



PASSENGER SERVICE UNIT (PSU) - INSTALLATION OF A PSU

Installation of the Passenger Service Unit(PSU)

...

✓ Job set-up

...

Procedure

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✓ Put the PSU in position and engage the locking devices in the mounting rail. Make sure that you hear a click when locking devices are being locked.

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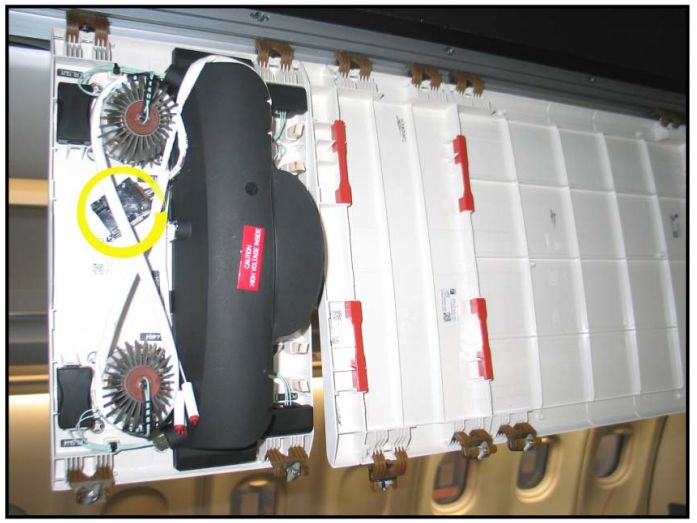
...

Close-up



PASSENGER SERVICE UNIT (PSU) - INSTALLATION OF A PSU

Installation of the Passenger Service Unit(PSU)

...

✓ Job set-up

...

Procedure

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Torque the screws to the 0.1 m.daN with a screwdriver-torque.

...

Close-up

PASSENGER SERVICE UNIT (PSU) - INSTALLATION OF A PSU

Installation of the Passenger Service Unit(PSU)

...

✓ **Job set-up**

...

Procedure

...

✓ **Put the PSU in position and engage the locking devices in the mounting rail. Make sure that you hear a click when locking devices are being locked.**

✓ **Make sure that the electrical connectors are clean and in good condition then connect it.**

✓ **Make sure that the work area is clean and clear of tools and other items. Lift the PSU in position and engage the remaining locking devices in the mounting rail. Make sure you hear the click.**

➪ **Torque the screws to the 0.1 m.daN with a screwdriver-torque.**

...

Close-up

PASSENGER SERVICE UNIT (PSU) - INSTALLATION OF A PSU

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Installation of the Passenger Service Unit(PSU)

...

✓ Job set-up

...

✓ Procedure

...

✓ Put the PSU in position and engage the locking devices in the mounting rail. Make sure that you hear a click when locking devices are being locked.

✓ Make sure that the electrical connectors are clean and in good condition then connect it.

✓ Make sure that the work area is clean and clear of tools and other items. Lift the PSU in position and engage the remaining locking devices in the mounting rail. Make sure you hear the click.

✓ Torque the screws to the 0.1 m.daN with a screwdriver-torque.

...

✓ Close-up

✓ TASK COMPLETED

PASSENGER SERVICE UNIT (PSU) - INSTALLATION OF A PSU

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

HANDRAIL

REMOVAL OF THE HANDRAIL

Open the related stowage compartment door to get access to the screws, hold the handrail and remove the screws.
Remove the handrail.

NOTE: some handrails are equipped with cabin temperature sensors.

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Removal of the handrail

...

✓ **Job set-up**

...

Procedure

...

⇨ **Open the related stowage compartment door to get access to the screws, hold the handrail and remove the screws.**

Remove the handrail.

HANDRAIL - REMOVAL OF THE HANDRAIL

Removal of the handrail

...

✓ **Job set-up**

...

Procedure

...

✓ **Open the related stowage compartment door to get access to the screws, hold the handrail and remove the screws.**

⇨ **Remove the handrail.**

HANDRAIL - REMOVAL OF THE HANDRAIL

Removal of the handrail

...

✓ Job set-up

...

✓ Procedure

...

✓ Open the related stowage compartment door to get access to the screws, hold the handrail and remove the screws.

✓ Remove the handrail.

TASK COMPLETED

NOTE: some handrails are equipped with cabin temperature sensors.

HANDRAIL - REMOVAL OF THE HANDRAIL

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

HANDRAIL (continued)

INSTALLATION OF THE HANDRAIL

Put the handrail in position on the overhead stowage compartment, and install the screws.

NOTE: check the lip seal installation.

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Installation of the handrail

...

✓ **Job set-up**

...

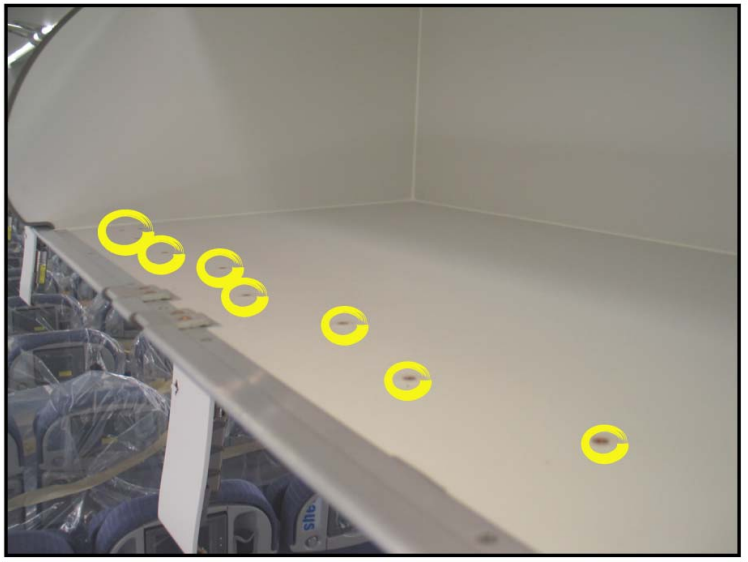
Procedure

...

⇨ **Put the handrail in position on the overhead stowage compartment, and install the screws.**

...

Close-up



HANDRAIL - INSTALLATION OF THE HANDRAIL

Installation of the handrail

...

✓ Job set-up

...

✓ Procedure

...

✓ Put the handrail in position on the overhead stowage compartment, and install the screws.

...

✓ Close-up

NOTE: check the lip seal installation.

TASK COMPLETED

HANDRAIL - INSTALLATION OF THE HANDRAIL

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LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

OVERHEAD STOWAGE COMPARTMENT-DOOR

REMOVAL OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

NOTE: the removal procedure for all the stowage-compartment door types is the same.

Open the door and hold it in position.
Remove the screws, the washers from the hinges.
Carefully remove the door.

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Removal of the overhead stowage-compartment door

...

✓ **Job set-up**

...

Procedure

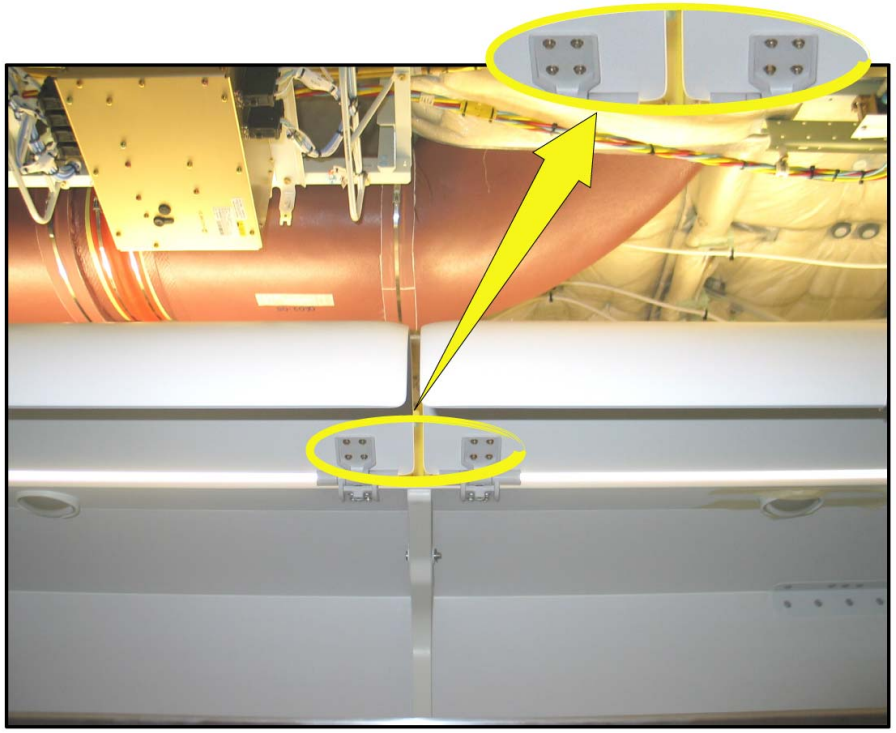
...

⇨ **Open the door and hold it in position.**

Remove the screws, the washers from the hinges.

Carefully remove the door.

NOTE: the removal procedure for all the stowage-compartment door types is the same.



OVERHEAD STOWAGE COMPARTMENT-DOOR - REMOVAL OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

Removal of the overhead stowage-compartment door

...

✓ Job set-up

...

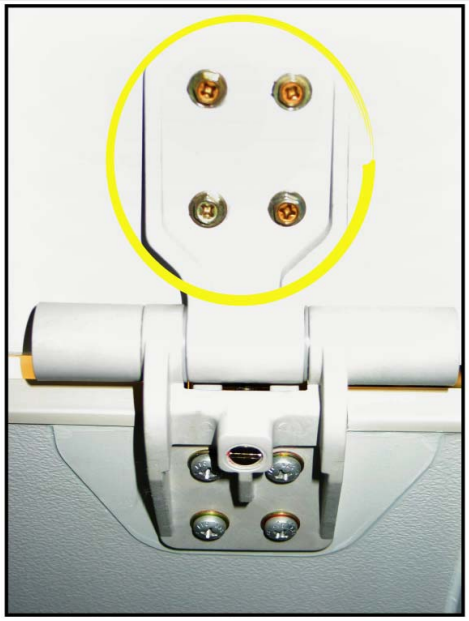
Procedure

...

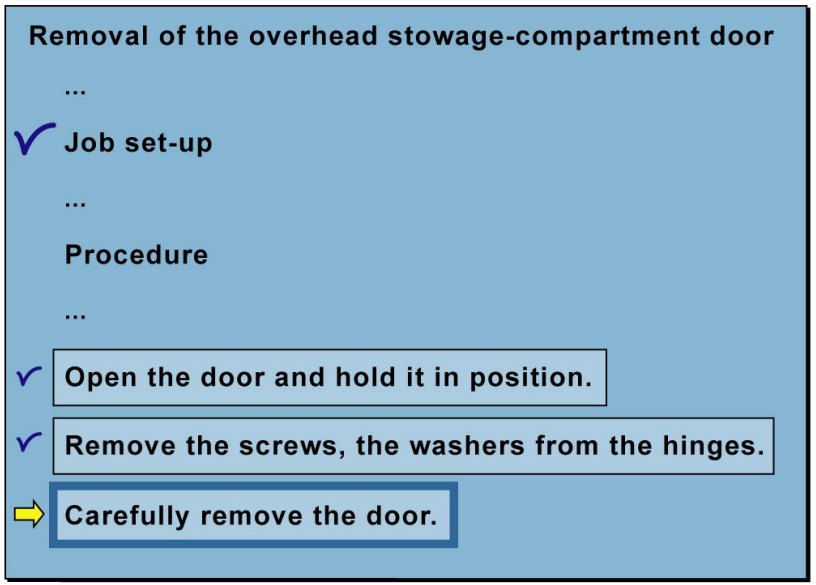
✓ Open the door and hold it in position.

⇨ Remove the screws, the washers from the hinges.

Carefully remove the door.



OVERHEAD STOWAGE COMPARTMENT-DOOR - REMOVAL OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR


Removal of the overhead stowage-compartment door
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Job set-up
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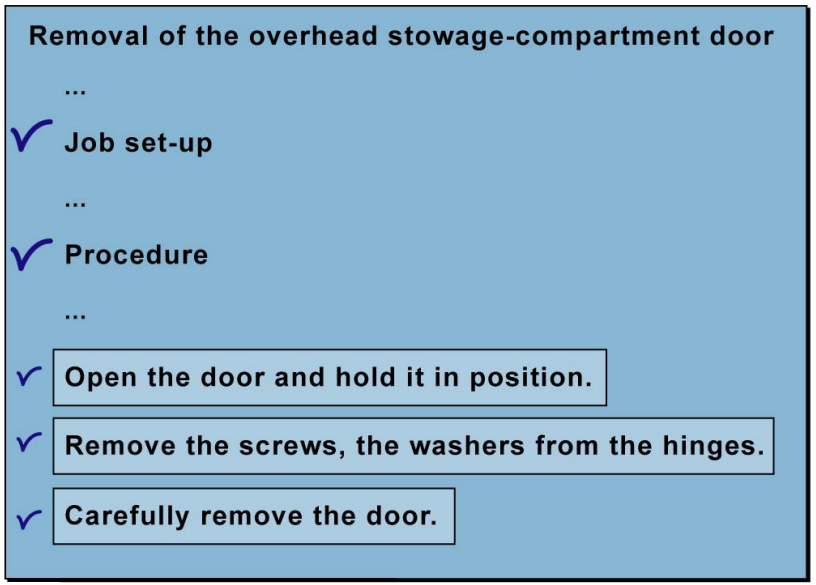
Removal of the overhead stowage-compartment door
...
Job set-up
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Procedure
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Open the door and hold it in position.
Remove the screws, the washers from the hinges.
Carefully remove the door.

TASK COMPLETED

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LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

OVERHEAD STOWAGE COMPARTMENT-DOOR (continued)

INSTALLATION OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

NOTE: the installation procedure for all the stowage-compartment door types is the same.

Put the door in position on the hinges, and install the washers and the screws.

If necessary, adjust and align the stowage compartment door (refer to AMM 25-24-61-820-801).

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Installation of the overhead stowage-compartment door

...

✓ **Job set-up**

...

Procedure

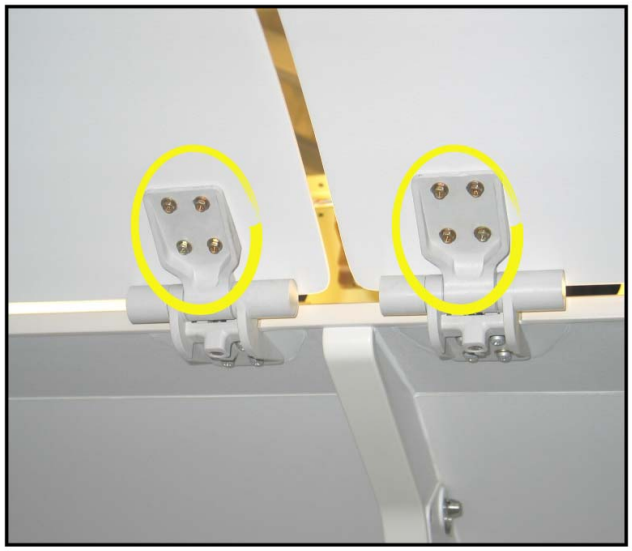
...

Put the door in position on the hinges, and install the washers and the screws.

If necessary, adjust and align the stowage compartment door (refer to AMM 25-24-61-820-801).

...

Close-up



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OVERHEAD STOWAGE COMPARTMENT-DOOR - INSTALLATION OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

Installation of the overhead stowage-compartment door

...

✓ **Job set-up**

...

Procedure

...

✓ **Put the door in position on the hinges, and install the washers and the screws.**

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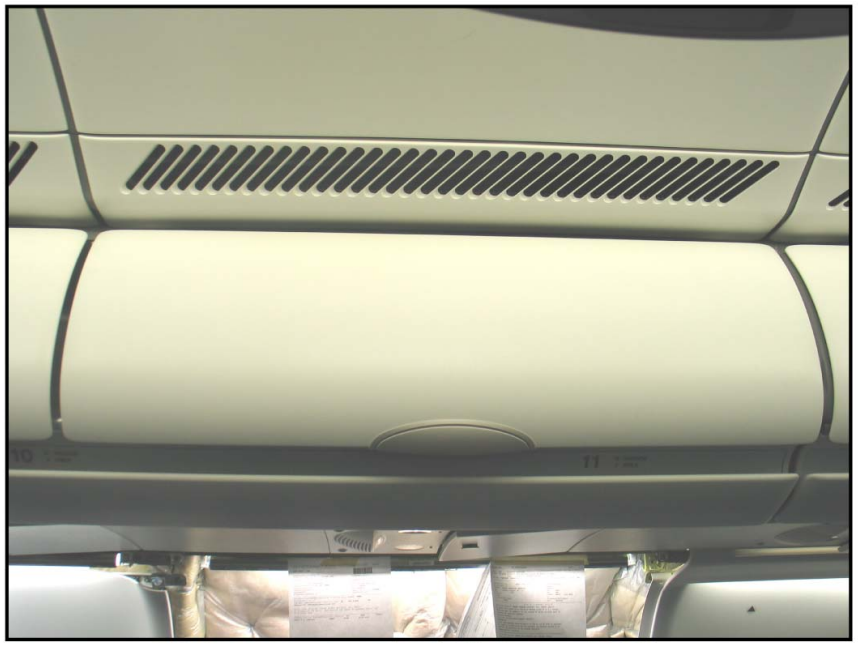
...

Close-up



OVERHEAD STOWAGE COMPARTMENT-DOOR - INSTALLATION OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of the overhead stowage-compartment door

...

✓ Job set-up

...

✓ Procedure

...

✓ Put the door in position on the hinges, and install the washers and the screws.

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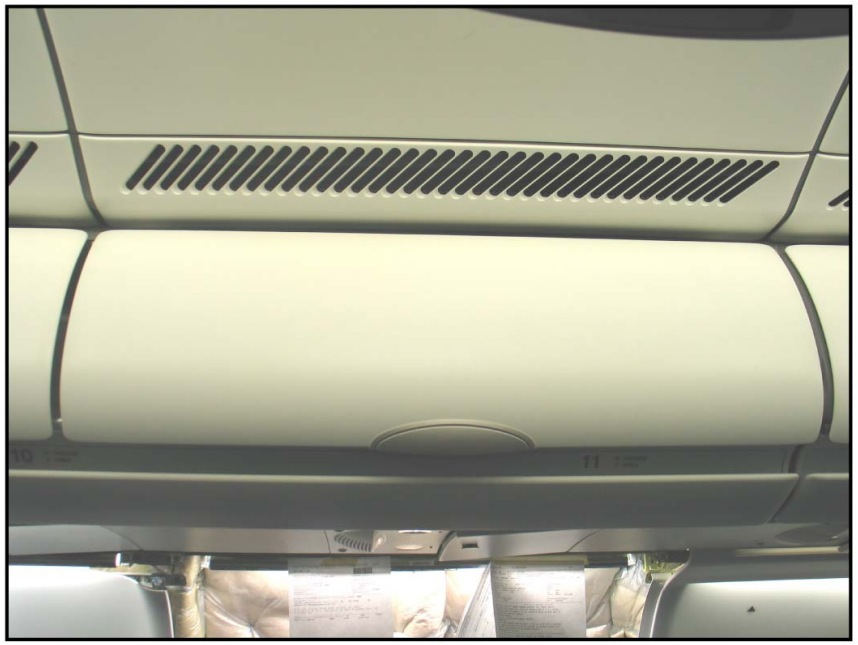
...

✓ Close-up

TASK COMPLETED



OVERHEAD STOWAGE COMPARTMENT-DOOR - INSTALLATION OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

G9409341 - GAUT0T0 - FM25Y3000000001

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

OVERHEAD STOWAGE COMPARTMENT-DOOR (continued)

ADJUSTEMENT OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

Make sure that the door end is aligned with the end of the handrail and the dimension X is correct, if not:
- loosen the screws,
- move the door until it is aligned with the end of the handrail and dimension X is correct,
- then tighten the screws.

Open the door, and make sure that the dimension Z is correct, if not:
- turn the screws clockwise to move the door up and counter clockwise to move the door down.

Make sure the door locks correctly, if not:
- loosen the screws,
- and adjust the door-keeper-latch to the required position,
- then tighten the screws.

G9409341 - GAUT0T0 - FM25Y3000000001

Adjustement of the overhead stowage-compartment door

...

✓ **Job set-up**

...

Procedure

...

Make sure that the door end is aligned with the end of the handrail and the dimension X is correct, if not:
- loosen the screws,
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- then tighten the screws.

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Make sure the door locks correctly, if not:
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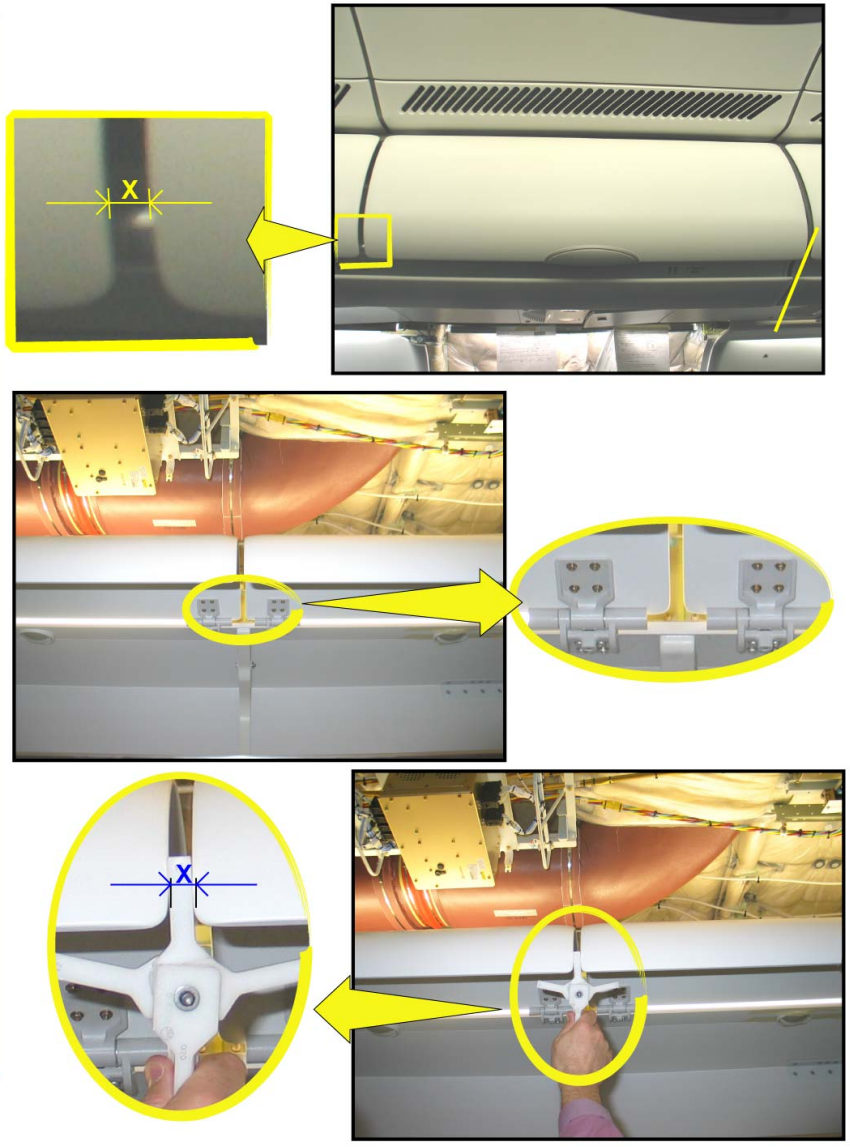
- then tighten the screws.

...

Close-up



OVERHEAD STOWAGE COMPARTMENT-DOOR - ADJUSTEMENT OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

Adjustement of the overhead stowage-compartment door

...

✓ **Job set-up**

...

Procedure

...

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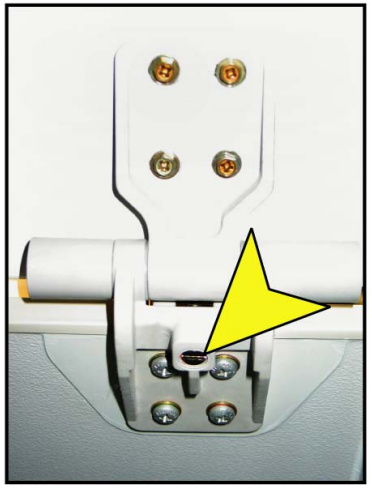
Close-up



OVERHEAD STOWAGE COMPARTMENT-DOOR - ADJUSTEMENT OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

G9409341 - GAUT0T0 - FM25Y3000000001

Adjustement of the overhead stowage-compartment door

...

✓ **Job set-up**

...

Procedure

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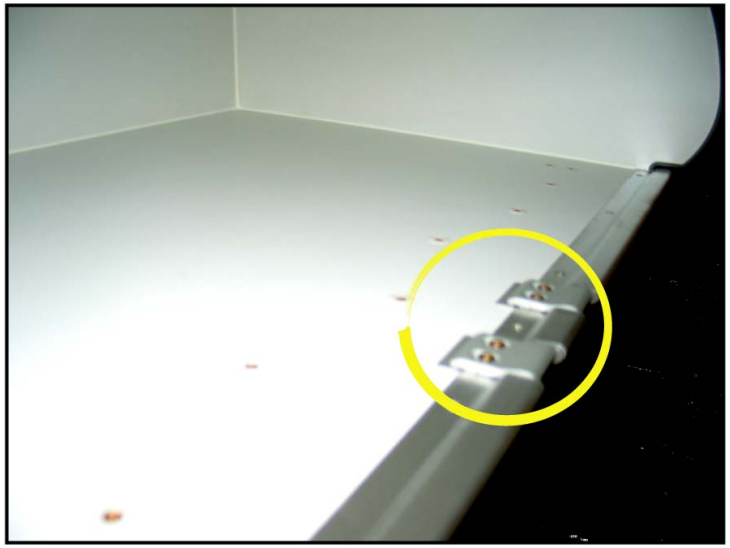
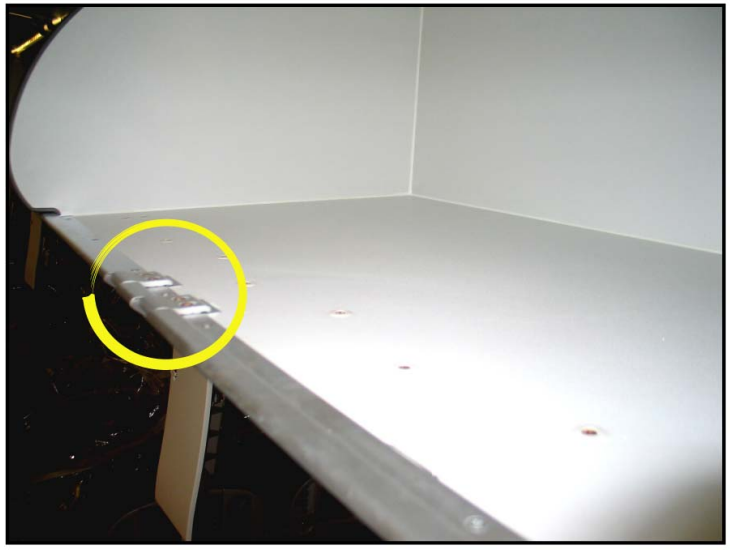
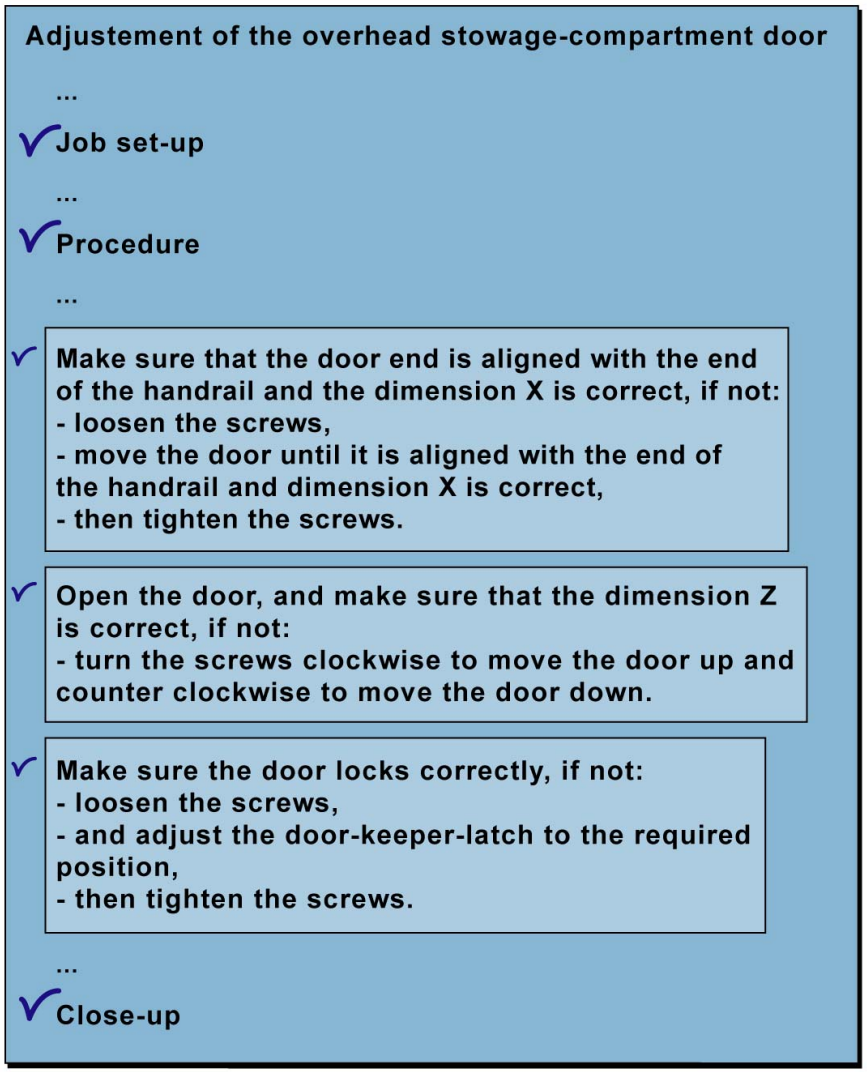
Close-up





OVERHEAD STOWAGE COMPARTMENT-DOOR - ADJUSTEMENT OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

G9409341 - GAUT0T0 - FM25Y3000000001


Adjustement of the overhead stowage-compartment door
...
Job set-up
...
Procedure
...
Make sure that the door end is aligned with the end of the handrail and the dimension X is correct, if not:
- loosen the screws,
- move the door until it is aligned with the end of the handrail and dimension X is correct,
- then tighten the screws.
Open the door, and make sure that the dimension Z is correct, if not:
- turn the screws clockwise to move the door up and counter clockwise to move the door down.
Make sure the door locks correctly, if not:
- loosen the screws,
- and adjust the door-keeper-latch to the required position,
- then tighten the screws.
...
Close-up

TASK COMPLETED

G9409341 - GAUT0T0 - FM25Y3000000001

OVERHEAD STOWAGE COMPARTMENT-DOOR - ADJUSTEMENT OF THE OVERHEAD STOWAGE-COMPARTMENT-DOOR

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G9409341 - GAUT0T0 - FM25Y3000000001

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

CLOSING COVERS (AIR OUTLET)

REMOVAL OF THE CLOSING COVERS (AIR OUTLET)

CAUTION: do not use too much force when you remove the cover as this can cause damage to the retainer.

NOTE: this procedure is the same for all closing covers on the left and right sides.

Carefully move the closing cover inboard to disengage the retainers, and pull it down until they are released from the ceiling panel.
Carefully pull the closing cover inboard to release the retainers from the supports.

Removal of the closing covers

...

Job set-up

...

Procedure

...

Carefully move the closing cover inboard to disengage the retainers, and pull it down until they are released from the ceiling panel.

Carefully pull the closing cover inboard to release the retainers from the supports.

DO NOT USE TOO MUCH FORCE WHEN YOU REMOVE THE COVER AS THIS CAN CAUSE DAMAGE TO THE RETAINER

Removal of the closing covers

...

✓ **Job set-up**

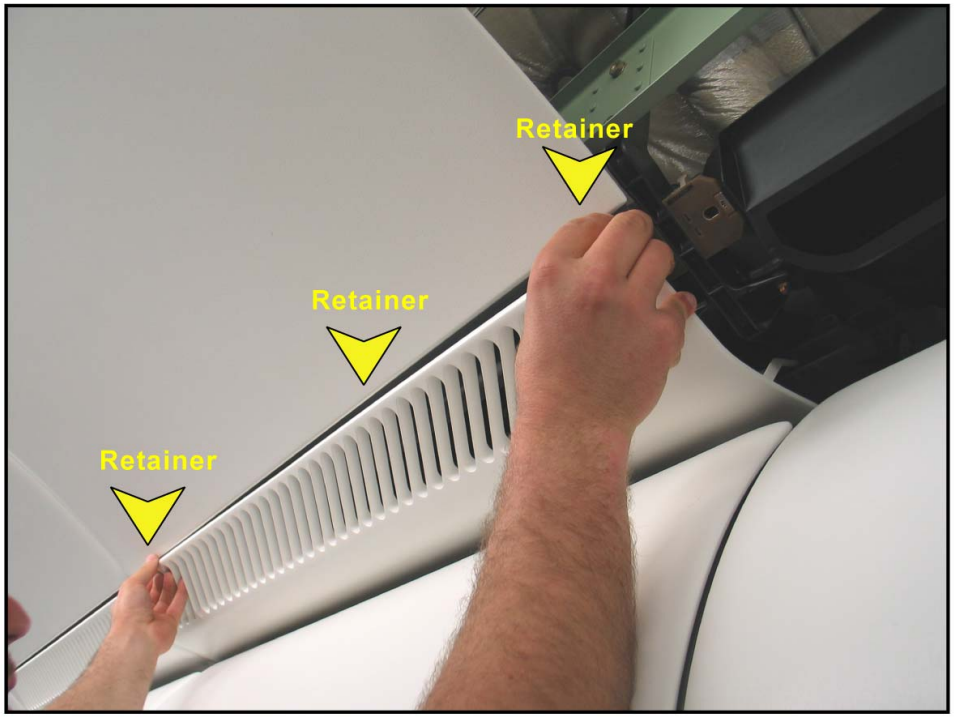
...

Procedure

...

⇨ **Carefully move the closing cover inboard to disengage the retainers, and pull it down until they are released from the ceiling panel.**

Carefully pull the closing cover inboard to release the retainers from the supports.



NOTE: this procedure is the same for all closing covers on the left and right sides.

G9409341 - GAUT0T0 - FM25Y3000000001

CLOSING COVERS (AIR OUTLET) - REMOVAL OF THE CLOSING COVERS (AIR OUTLET)

Removal of the closing covers

...

✓ **Job set-up**

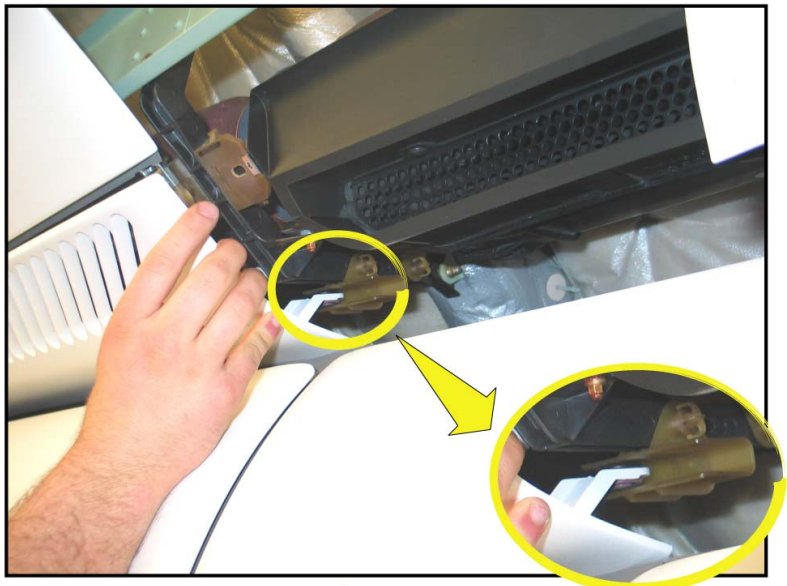
...

Procedure

...

✓ **Carefully move the closing cover inboard to disengage the retainers, and pull it down until they are released from the ceiling panel.**

➪ **Carefully pull the closing cover inboard to release the retainers from the supports.**



CLOSING COVERS (AIR OUTLET) - REMOVAL OF THE CLOSING COVERS (AIR OUTLET)

Removal of the closing covers

...

✓ Job set-up

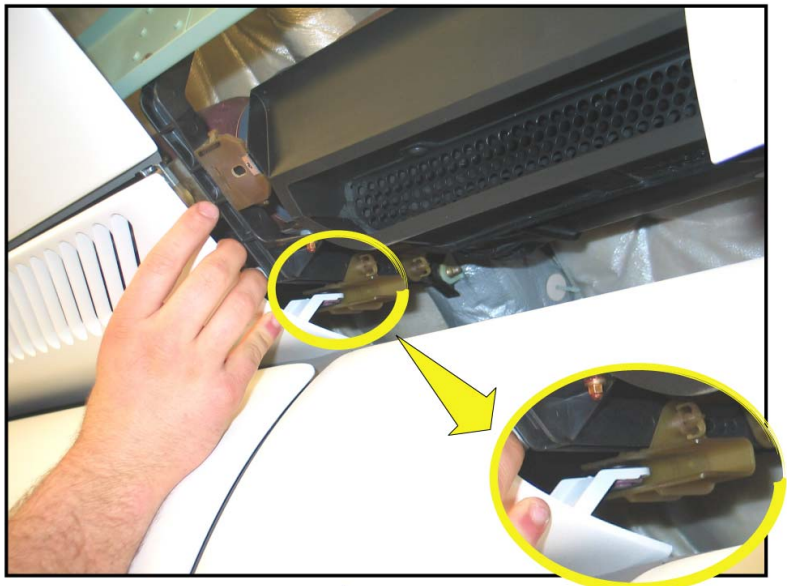
...

✓ Procedure

...

✓ Carefully move the closing cover inboard to disengage the retainers, and pull it down until they are released from the ceiling panel.

✓ Carefully pull the closing cover inboard to release the retainers from the supports.



TASK COMPLETED

CLOSING COVERS (AIR OUTLET) - REMOVAL OF THE CLOSING COVERS (AIR OUTLET)

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G9409341 - GAUT0T0 - FM25Y3000000001

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

CLOSING COVERS (AIR OUTLET) (continued)

INSTALLATION OF THE CLOSING COVERS (AIR OUTLET)

NOTE: this procedure is the same for all closing covers left and right.

Make sure the work area is clean and clear of tools and other items.
Put the closing cover in position and carefully engage the retainers into the supports.
Carefully push the closing cover up to engage all retainers correctly into the ceiling panel.
Make sure that:
- the closing cover is correctly attached,there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap to the adjacent closing covers,
- the gap between the closing covers is in line with the gap between the adjacent ceiling panels.

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of the closing covers

...

✓ **Job set-up**

...

Procedure

...

Make sure the work area is clean and clear of tools and other items.

Put the closing cover in position and carefully engage the retainers into the supports.

Carefully push the closing cover up to engage all retainers correctly into the ceiling panel.

Make sure that :
- the closing cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap between the adjacent closing covers,
- the gap between the closing covers is in line with the gap between the adjacent ceiling panels.

...

Close-up

NOTE: this procedure is the same for all closing covers on the left and right sides.

CLOSING COVERS (AIR OUTLET) - INSTALLATION OF THE CLOSING COVERS (AIR OUTLET)

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of the closing covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure the work area is clean and clear of tools and other items.**

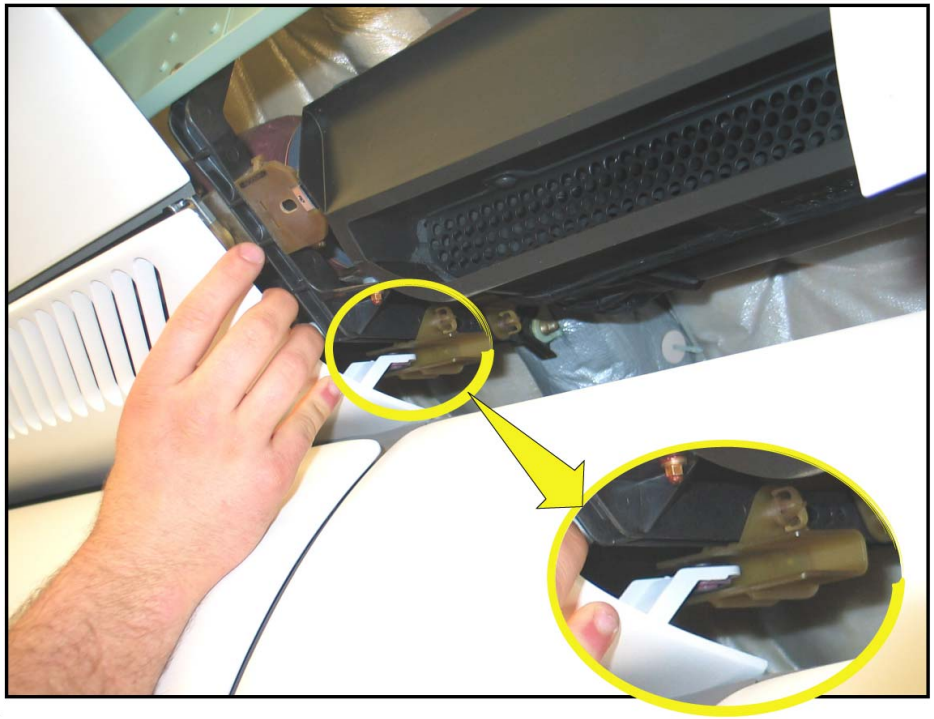
➡ **Put the closing cover in position and carefully engage the retainers into the supports.**

Carefully push the closing cover up to engage all retainers correctly into the ceiling panel.

Make sure that :
- the closing cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap between the adjacent closing covers,
- the gap between the closing covers is in line with the gap between the adjacent ceiling panels.

...

Close-up



CLOSING COVERS (AIR OUTLET) - INSTALLATION OF THE CLOSING COVERS (AIR OUTLET)

Installation of the closing covers

...

✓ Job set-up

...

Procedure

...

✓ Make sure the work area is clean and clear of tools and other items.

✓ Put the closing cover in position and carefully engage the retainers into the supports.

⇨ Carefully push the closing cover up to engage all retainers correctly into the ceiling panel.

Make sure that :
- the closing cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap between the adjacent closing covers,
- the gap between the closing covers is in line with the gap between the adjacent ceiling panels.

...

Close-up

CLOSING COVERS (AIR OUTLET) - INSTALLATION OF THE CLOSING COVERS (AIR OUTLET)

Installation of the closing covers

...

✓ **Job set-up**

...

Procedure

...

✓ **Make sure the work area is clean and clear of tools and other items.**

✓ **Put the closing cover in position and carefully engage the retainers into the supports.**

✓ **Carefully push the closing cover up to engage all retainers correctly into the ceiling panel.**

➪ **Make sure that :**
- the closing cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap between the adjacent closing covers,
- the gap between the closing covers is in line with the gap between the adjacent ceiling panels.

...

Close-up

CLOSING COVERS (AIR OUTLET) - INSTALLATION OF THE CLOSING COVERS (AIR OUTLET)

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of the closing covers

...

✓ Job set-up

...

✓ Procedure

...

✓ Make sure the work area is clean and clear of tools and other items.

✓ Put the closing cover in position and carefully engage the retainers into the supports.

✓ Carefully push the closing cover up to engage all retainers correctly into the ceiling panel.

✓ Make sure that :
- the closing cover is correctly attached,
- there is a sufficient overlap of the sealing lips,
- the sealing lips are not twisted,
- there is a sufficient gap between the adjacent closing covers,
- the gap between the closing covers is in line with the gap between the adjacent ceiling panels.

...

✓ Close-up

TASK COMPLETED ✓

CLOSING COVERS (AIR OUTLET) - INSTALLATION OF THE CLOSING COVERS (AIR OUTLET)

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

CEILING PANELS

REMOVAL OF THE CEILING PANELS

Unlock the fasteners and hold the ceiling panel.
Carefully pull the ceiling panel outboard and remove it from the support.

G9409341 - GAUT0T0 - FM25Y3000000001

Removal of the ceiling panels

...

✓ **Job set-up**

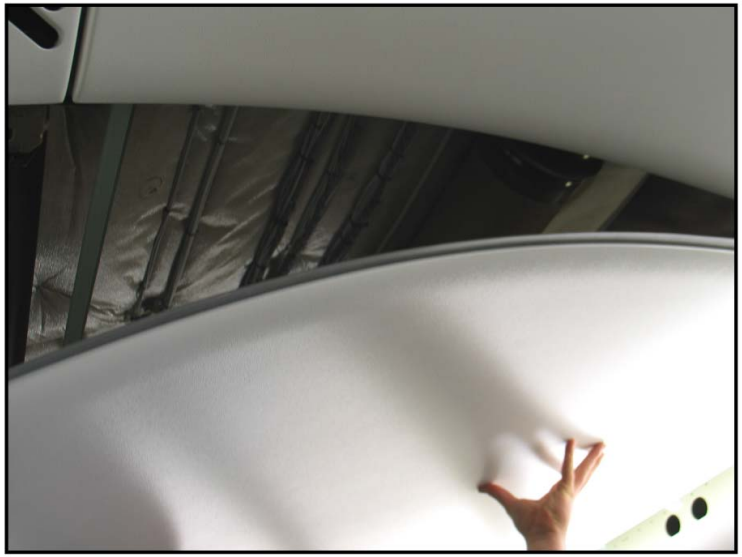
...

Procedure

...

⇨ **Unlock the fasteners and hold the ceiling panel.**

Carefully pull the ceiling panel outboard and remove it from the support.



CEILING PANELS - REMOVAL OF THE CEILING PANELS

Removal of the ceiling panels

...

✓ **Job set-up**

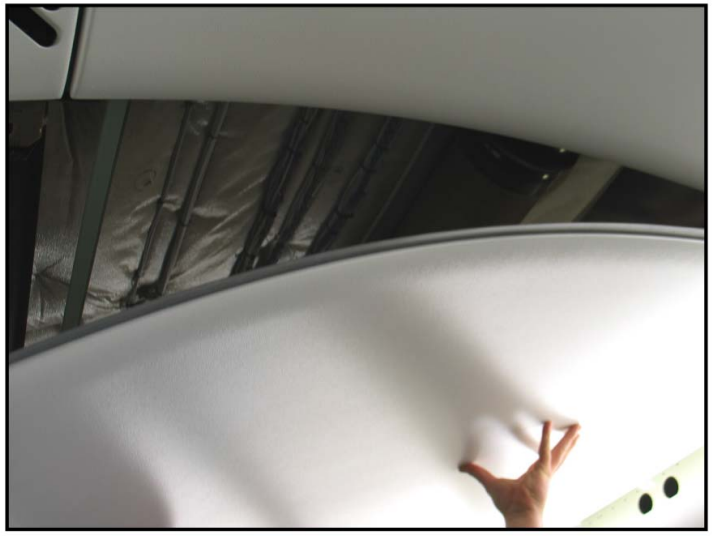
...

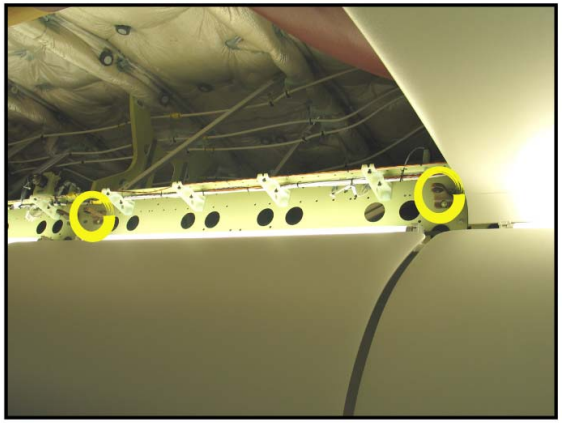
Procedure

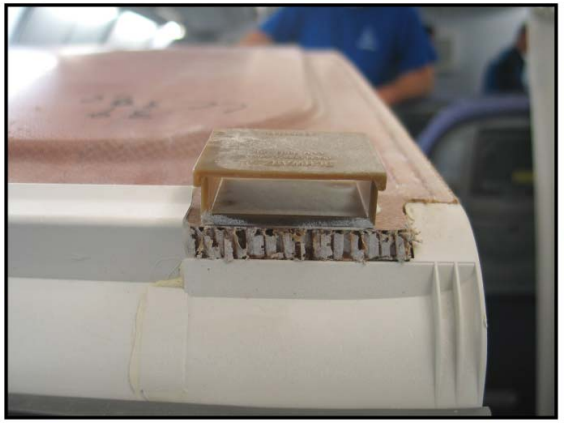
...

✓ **Unlock the fasteners and hold the ceiling panel.**

⇨ **Carefully pull the ceiling panel outboard and remove it from the support.**







CEILING PANELS - REMOVAL OF THE CEILING PANELS

Removal of the ceiling panels

...

✓ Job set-up

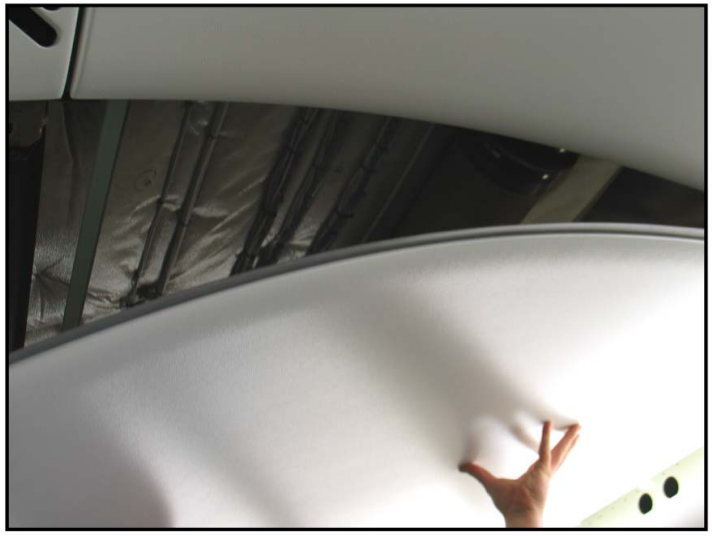
...

✓ Procedure

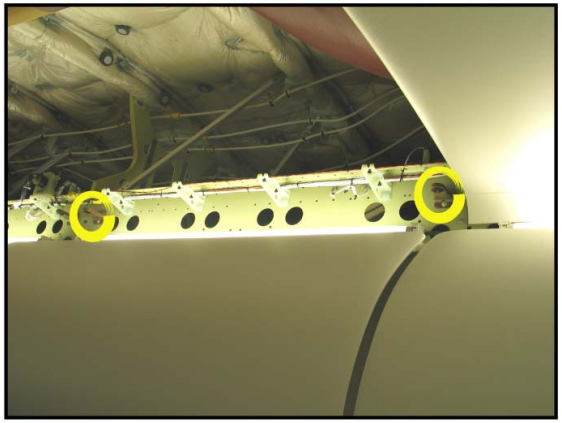
...

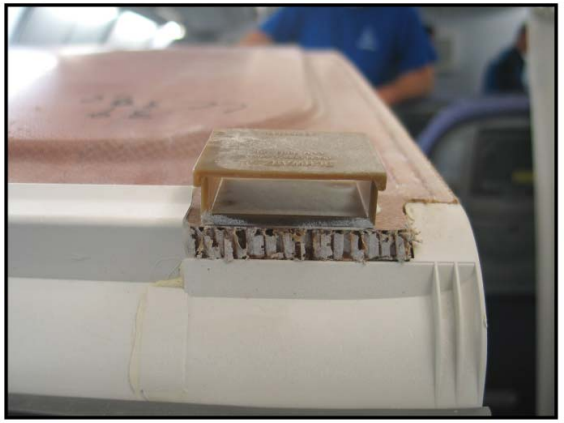
✓ Unlock the fasteners and hold the ceiling panel.

✓ Carefully pull the ceiling panel outboard and remove it from the support.



TASK COMPLETED ✓





CEILING PANELS - REMOVAL OF THE CEILING PANELS

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

CEILING PANELS (continued)

INSTALLATION OF THE CEILING PANELS

Make sure the work area is clean and clear of tools and other items.
Move the ceiling panel to engage the retainers into the supports.
Lift the ceiling panel and lock the fasteners. Make sure the sealing lip is not twisted.

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Installation of the ceiling panels

...

✓ Job set-up

...

Procedure

...

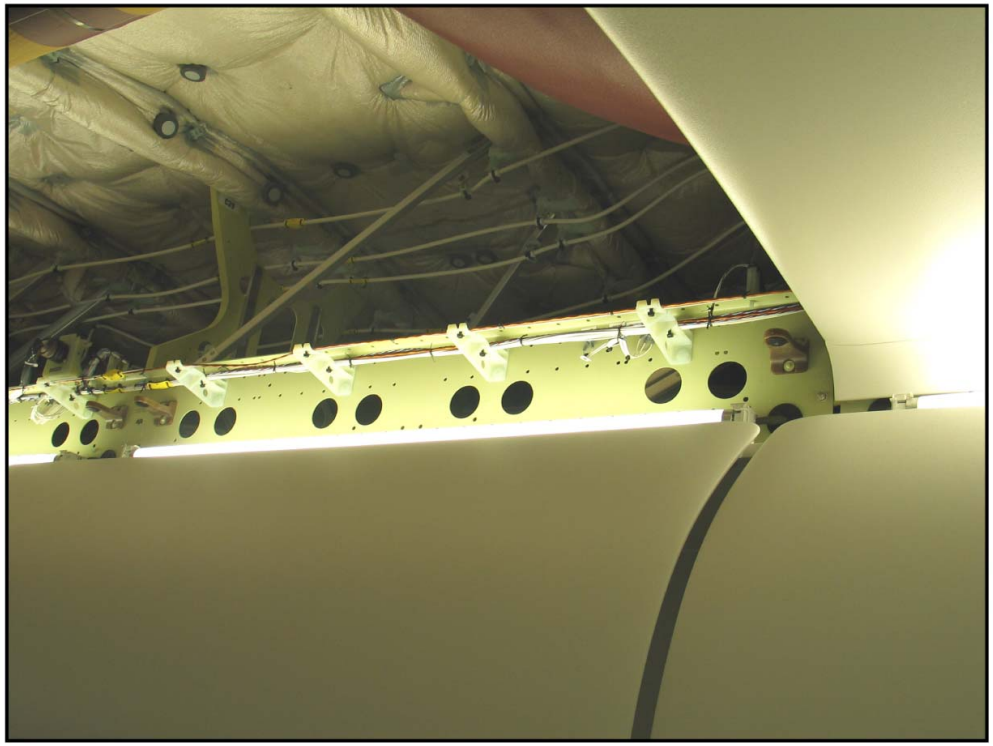
Make sure the work area is clean and clear of tools and other items.

Move the ceiling panel to engage the retainers into the supports.

Lift the ceiling panel and lock the fasteners. Make sure the sealing lip is not twisted.

...

Close-up



CEILING PANELS - INSTALLATION OF THE CEILING PANELS

Installation of the ceiling panels

...

✓ **Job set-up**

...

Procedure

...

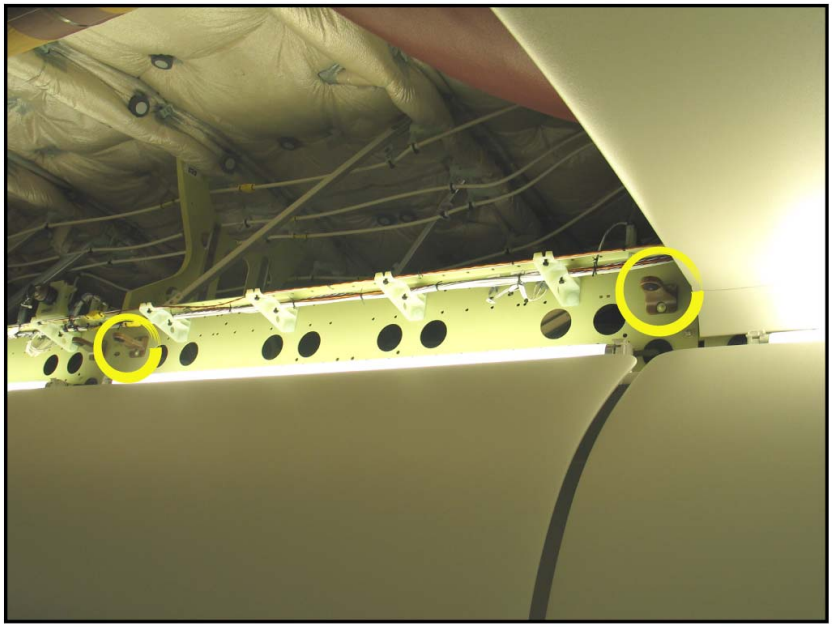
✓ **Make sure the work area is clean and clear of tools and other items.**

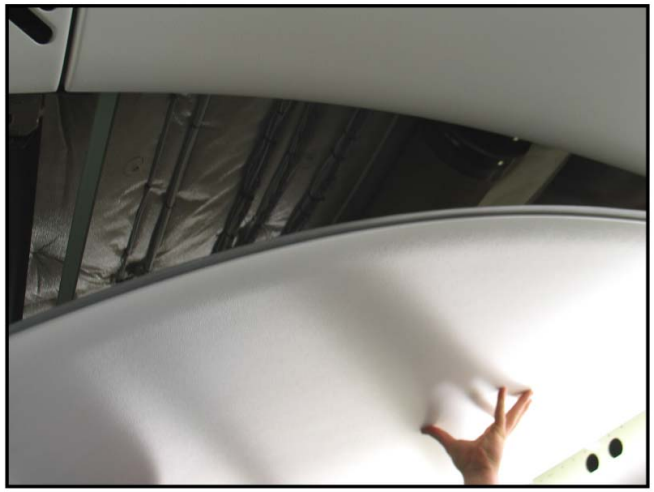
⇨ **Move the ceiling panel to engage the retainers into the supports.**

Lift the ceiling panel and lock the fasteners. Make sure the sealing lip is not twisted.

...

Close-up





CEILING PANELS - INSTALLATION OF THE CEILING PANELS

Installation of the ceiling panels

...

✓ **Job set-up**

...

Procedure

...

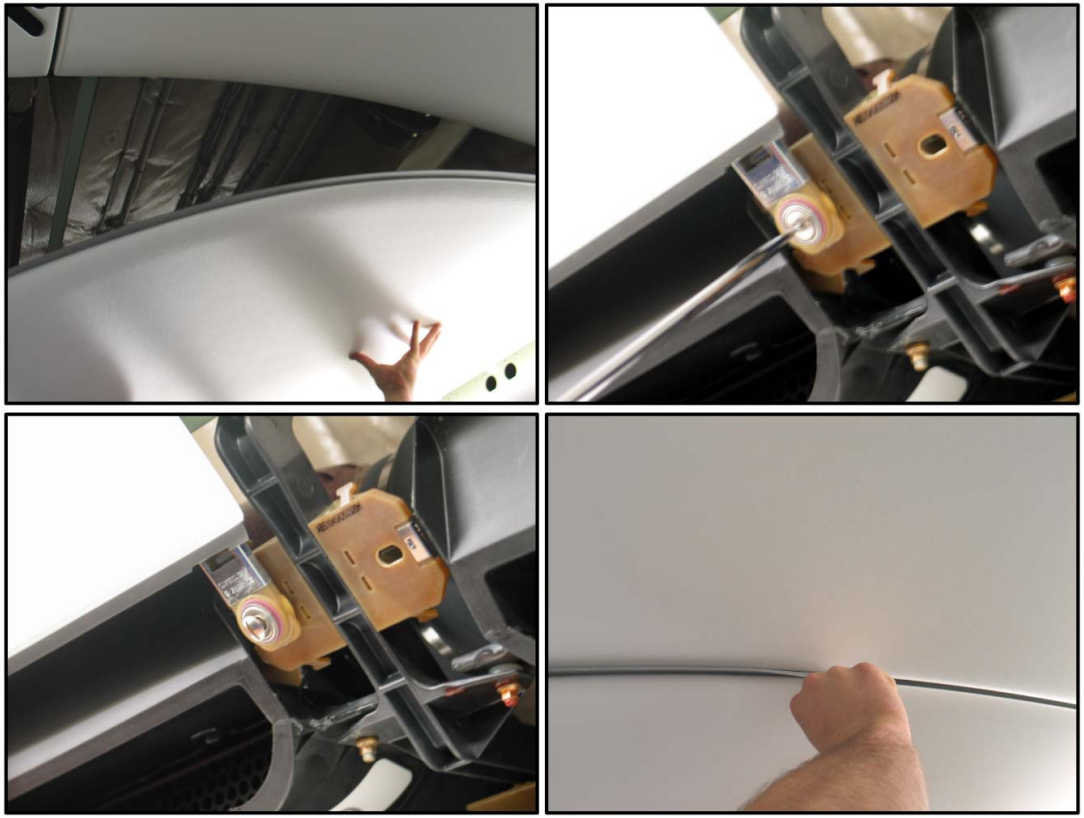
✓ **Make sure the work area is clean and clear of tools and other items.**

✓ **Move the ceiling panel to engage the retainers into the supports.**

⇨ **Lift the ceiling panel and lock the fasteners. Make sure the sealing lip is not twisted.**

...

Close-up



G9409341 - GAUT0T0 - FM25Y3000000001

CEILING PANELS - INSTALLATION OF THE CEILING PANELS

Installation of the ceiling panels

...

✓ Job set-up

...

✓ Procedure

...

✓ Make sure the work area is clean and clear of tools and other items.

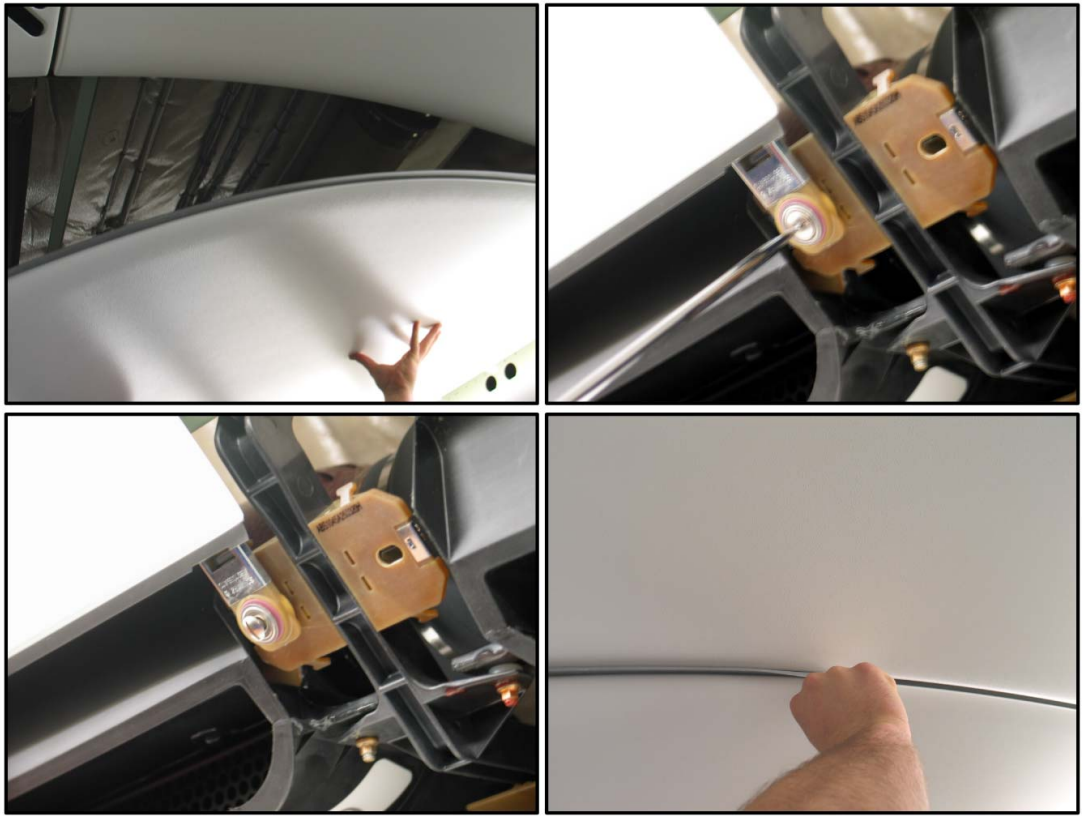
✓ Move the ceiling panel to engage the retainers into the supports.

✓ Lift the ceiling panel and lock the fasteners. Make sure the sealing lip is not twisted.

...

✓ Close-up

TASK COMPLETED



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G9409341 - GAUT0T0 - FM25Y3000000001

LININGS & FURNISHINGS REMOVAL/INSTALLATION (3)

INSTALLATION OF RAPID-DECOMPRESSION PANELS AFTER ONE PART OF THE PANEL HAS BEEN ACCIDENTALLY DISENGAGED.

NOTE: the panel assembly includes a frame, a panel and fasteners.
To remove the panel assembly, push in the disengage part of the panel and put your fingers behind the frame. Carefully pull the frame and the panel, out from the sidewall panel into the cargo compartment.
To separate the panel from the frame, put the frame on the flat surface with the panel on the top. Push backwards each latch to disengage the catch from the panel, separate the panel from the frame.
To reset the fasteners, put the frame on a flat surface with the fasteners on the topside. Push all catches that are in the disengaged position to the closed position.
To assemble the panel and the frame back together, put the panel on the center of the catches on the frame. Carefully push the panel until each catch engages. You can hear a click sound when each catch engages correctly.
To put the panel assembly back in the sidewall panel, carefully push the panel assembly until each catch engages. You can hear a click sound when each catch engages correctly.

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of rapid-decompression panels after one part of the panel has been accidentaly disengaged.

...

✓ Job set-up

...

Procedure

...

To remove the panel assembly, push in the disengage part of the panel and put your fingers behind the frame. Carefully pull the frame and the panel, out from the sidewall panel into the cargo compartment.

To separate the panel from the frame, put the frame on the flat surface with the panel on the top. Push backwards each latch to disengage the catch from the panel, separate the panel from the frame.

To reset the fasteners, put the frame on a flat surface with the fasteners on the topside. Push all catches that are in the disengaged position to the closed position.

To assemble the panel and the frame back together, put the panel on the center of the catches on the frame. Carefully push the panel until each catch engages. You can hear a click sound when each catch engages correctly.

To put the panel assembly back in the sidewall panel, carefully push the panel assembly until each catch engages. You can hear a click sound when each catch engages correctly.

...

Close-up

NOTE: the panel assembly includes a frame, a panel and fasteners.

INSTALLATION OF RAPID-DECOMPRESSION PANELS AFTER ONE PART OF THE PANEL HAS BEEN ACCIDENTALLY DISENGAGED.

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of rapid-decompression panels after one part of the panel has been accidentaly disengaged.

...

✓ Job set-up

...

Procedure

...

✓ To remove the panel assembly, push in the disengage part of the panel and put your fingers behind the frame. Carefully pull the frame and the panel, out from the sidewall panel into the cargo compartment.

➪ To separate the panel from the frame, put the frame on the flat surface with the panel on the top. Push backwards each latch to disengage the catch from the panel, separate the panel from the frame.

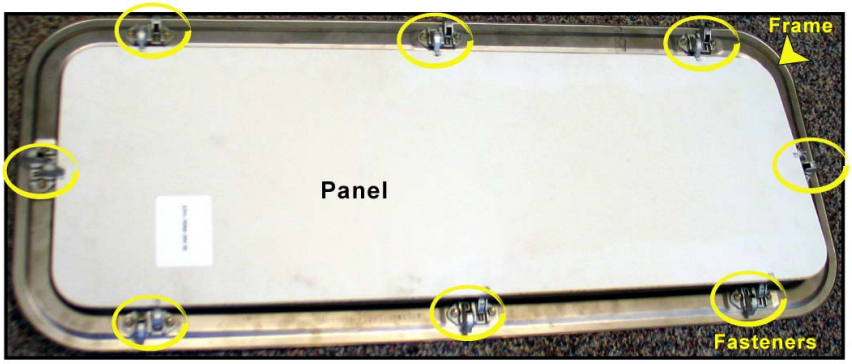
To reset the fasteners, put the frame on a flat surface with the fasteners on the topside. Push all catches that are in the disengaged position to the closed position.

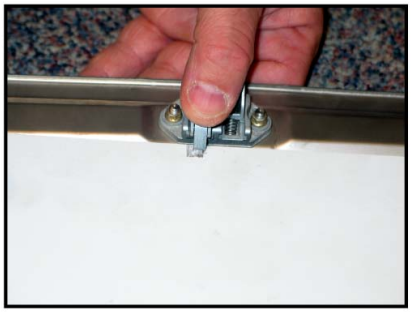
To assemble the panel and the frame back together, put the panel on the center of the catches on the frame. Carefully push the panel until each catch engages. You can hear a click sound when each catch engages correctly.

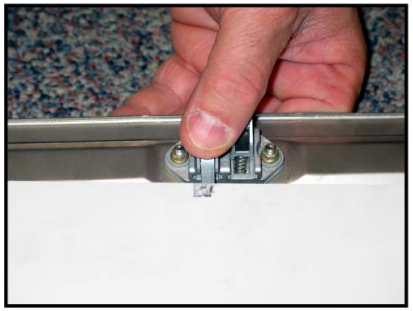
To put the panel assembly back in the sidewall panel, carefully push the panel assembly until each catch engages. You can hear a click sound when each catch engages correctly.

...

Close-up







INSTALLATION OF RAPID-DECOMPRESSION PANELS AFTER ONE PART OF THE PANEL HAS BEEN ACCIDENTALLY DISENGAGED.

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of rapid-decompression panels after one part of the panel has been accidentaly disengaged.

...

✓ Job set-up

...

Procedure

...

✓ To remove the panel assembly, push in the disengage part of the panel and put your fingers behind the frame. Carefully pull the frame and the panel, out from the sidewall panel into the cargo compartment.

✓ To separate the panel from the frame, put the frame on the flat surface with the panel on the top. Push backwards each latch to disengage the catch from the panel, separate the panel from the frame.

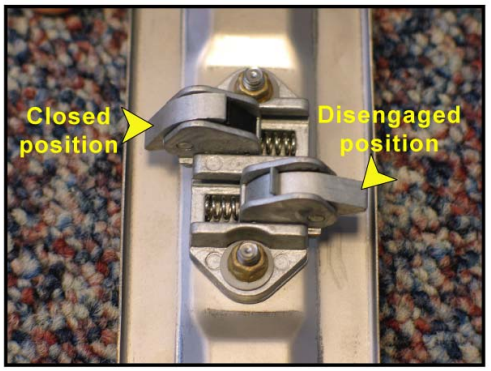
➡ To reset the fasteners, put the frame on a flat surface with the fasteners on the topside. Push all catches that are in the disengaged position to the closed position.

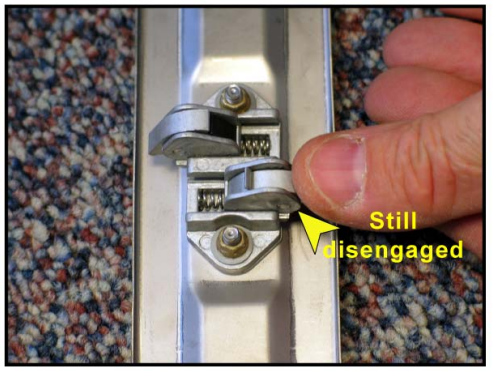
To assemble the panel and the frame back together, put the panel on the center of the catches on the frame. Carefully push the panel until each catch engages. You can hear a click sound when each catch engages correctly.

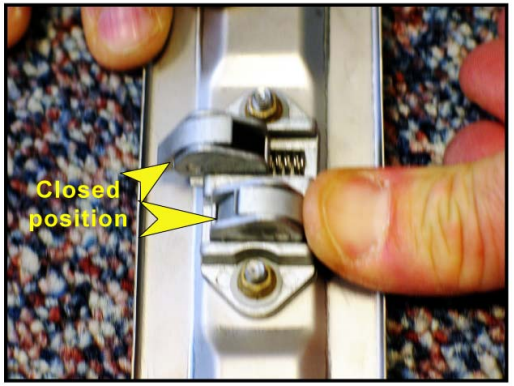
To put the panel assembly back in the sidewall panel, carefully push the panel assembly until each catch engages. You can hear a click sound when each catch engages correctly.

...

Close-up







INSTALLATION OF RAPID-DECOMPRESSION PANELS AFTER ONE PART OF THE PANEL HAS BEEN ACCIDENTALLY DISENGAGED.

G9409341 - GAUT0T0 - FM25Y3000000001

Installation of rapid-decompression panels after one part of the panel has been accidentaly disengaged.

...

✓ **Job set-up**

...

Procedure

...

✓ To remove the panel assembly, push in the disengage part of the panel and put your fingers behind the frame. Carefully pull the frame and the panel, out from the sidewall panel into the cargo compartment.

✓ To separate the panel from the frame, put the frame on the flat surface with the panel on the top. Push backwards each latch to disengage the catch from the panel, separate the panel from the frame.

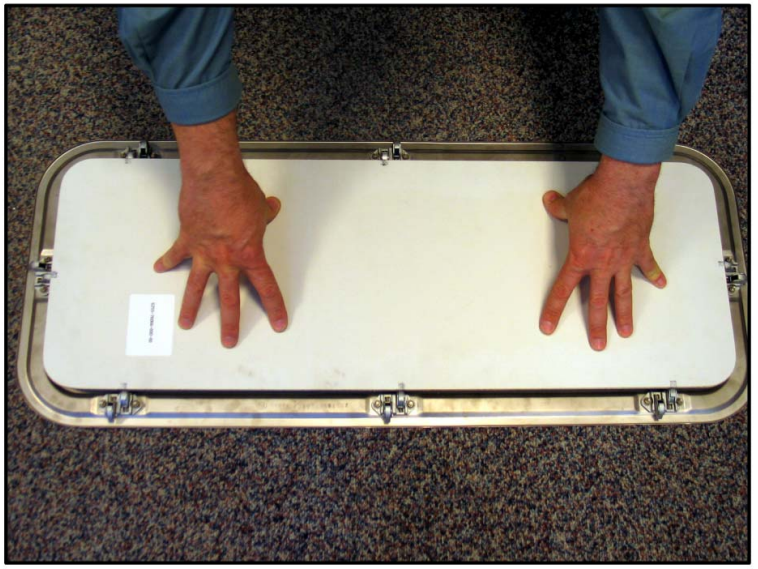
✓ To reset the fasteners, put the frame on a flat surface with the fasteners on the topside. Push all catches that are in the disengaged position to the closed position.

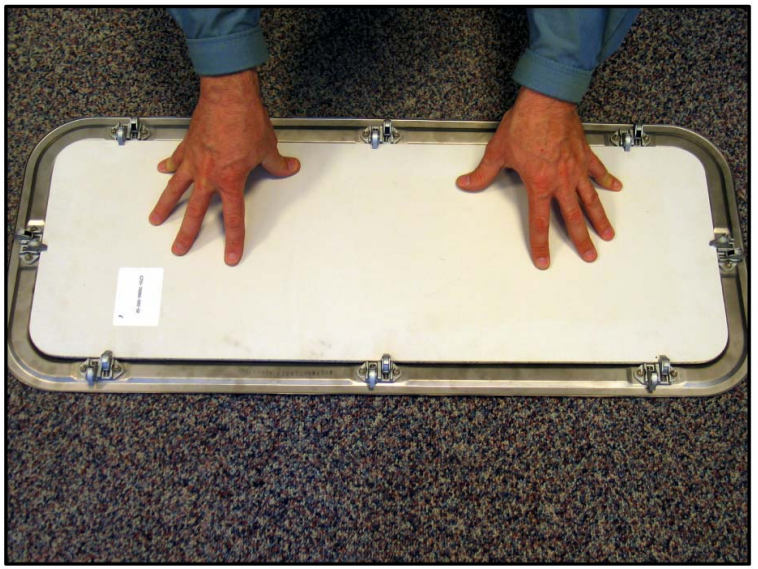
➡ To assemble the panel and the frame back together, put the panel on the center of the catches on the frame. Carefully push the panel until each catch engages. You can hear a click sound when each catch engages correctly.

To put the panel assembly back in the sidewall panel, carefully push the panel assembly until each catch engages. You can hear a click sound when each catch engages correctly.

...

Close-up





INSTALLATION OF RAPID-DECOMPRESSION PANELS AFTER ONE PART OF THE PANEL HAS BEEN ACCIDENTALLY DISENGAGED.

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Installation of rapid-decompression panels after one part of the panel has been accidentaly disengaged.

...

✓ **Job set-up**

...

Procedure

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Close-up

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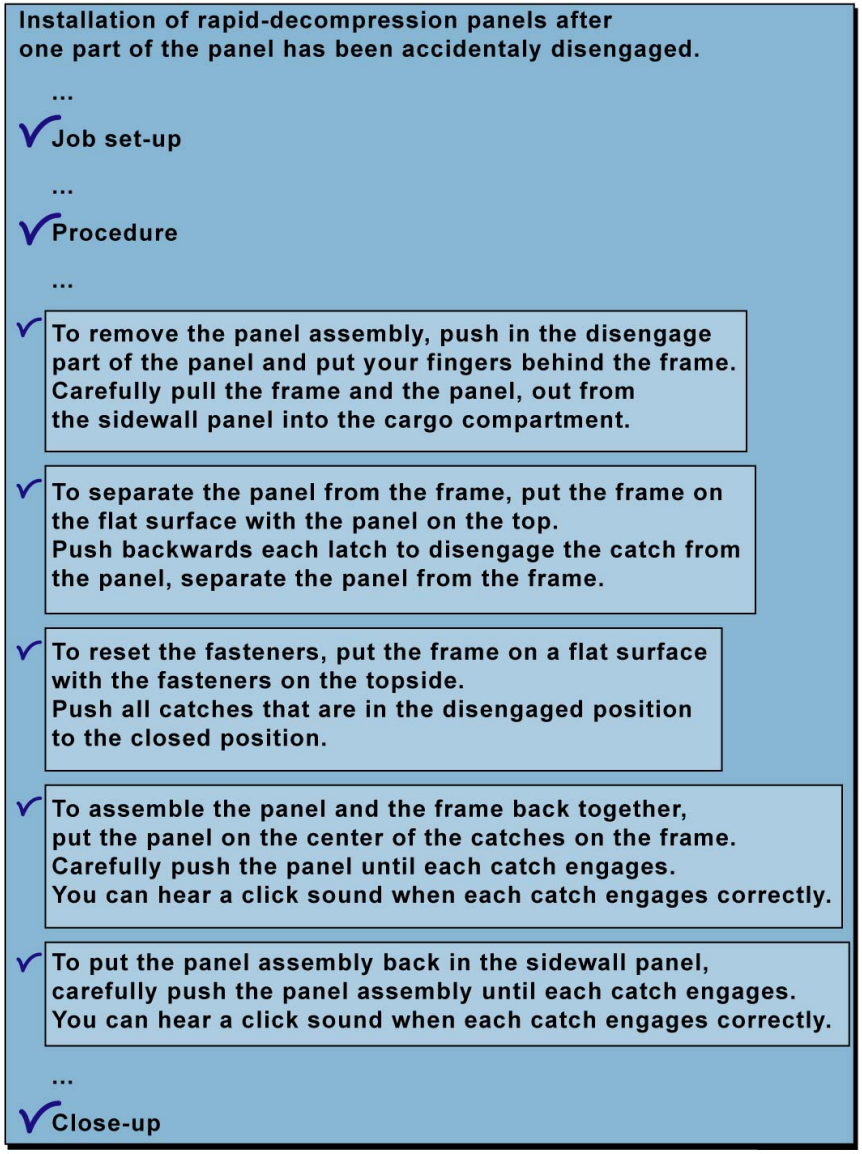
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